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Wisconsin 1988

Agricultural Statistics

CROP REPORTING DISTRICTS
NORTHWEST
NORTH CENTRAL
NORTHEAST
WEST CENTRAL
CENTRAL
EAST CENTRAL
SOUTHWEST
SOUTH CENTRAL
SOUTHEAST
DOUGLAS
BAYFIELD
ASHLAND
IRON
VILAS
WASHBURN
SAWYER
BURNETT
PRICE
FOREST
FLORENCE
ONEIDA
MARINETTE
POLK
BARRON
RUSK
LINCOLN
LANGLADE
OCONTO
TAYLOR
CHIPPEWA
ST CROIX
DUNN
MARATHON
DOOR
CLARK
PIERCE
EAU CLAIRE
SHAWANO
PEPIN
WOOD
PORTAGE
WAUPACA
BROWN
KEWAUNEE
BUFFALO
TREMPEALEAU
JACKSON
OUTAGAMIE
JUNEAU
ADAMS
WAUSHARA
WINNEBAGO
CALUMET
MANITOWOC
MONROE
LA CROSSE
MARQUETTE
GREEN LAKE
FOND DU LAC
SHEBOYGAN
VERNON
SAUK
COLUMBIA
DODGE
WASHINGTON
OZAUKEE
RICHLAND
CRAWFORD
DANE
JEFFERSON
WAUKESHA
MIL
GRANT
IOWA
LA FAYETTE
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National Agricultural Statistics Service, USDA

Wisconsin Department of Agriculture, Trade and Consumer Protection

Wisconsin Agricultural Statistics Service

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A Cooperative Function of
WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION
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1988 WISCONSIN AGRICULTURAL STATISTICS

The Wisconsin Agricultural Statistics Service is an agency formed by the cooperative function of the Wisconsin Department of Agriculture, Trade and Consumer Protection and the National Agricultural Statistics Service, United States Department of Agriculture. This agreement was first signed in May 1917. The same services provided by crop and livestock reports are as necessary today as they were 71 years ago.

July 1988 marks the 125th year the U.S. Department of Agriculture has issued crop reports. In 1863 there were 2,000 farm reporters in 22 states. Today there are about 400,000 farm and agribusiness reporters in 50 states. The first national crop report was issued in July 1863 by the forerunner of the National Agricultural Statistics Service. This publication, Wisconsin Agricultural Statistics, was first published in 1965 for the farmers and agri-businesses in Wisconsin. This year is the 23rd year of continuous publication.

The Department appreciates and is grateful for Wisconsin farmers and agribusinesses whose cooperation provides most of the basic information used in developing the statistics in this bulletin. Special appreciation is also given to the technical and clerical staff of the Wisconsin Agricultural Statistics Service, and to the fine staff of field and telephone enumerators who provide the essential data collection efforts.

Agriculture information on Wisconsin is available dating back to 1955 in issues of Agricultural Statistics for 1965 to 1987, and Special Bulletins No. 78 and 80 and their supplements.

Photos were provided by the Wisconsin Department of Agriculture, Trade and Consumer Protection.

Carrol D. Spencer
State Statistician

Special commodity supplement this year covers Corn Production, Marketing, and Prices

For other supplements see Agricultural Statistics dated:
1983 — HAY: Production, Disposition and Value
1984 — SPECIALTY CROPS: Production, Disposition and Value
1985 — Economics Affecting the Farm Buisiness
1986 — BEEF: Production, Marketing and Consumption
1986 — RECORD HIGHS and LOWS in Wisconsin
1987 — PORK: Production, Marketing and Consumption
1988 — CORN: Production, Marketing and Prices

June, 1988

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WISCONSIN SEASONAL DATES ---- Inside Back Cover

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FORWARD

Agriculture has been a major part of the American tradition, once our dominant occupation. Our first biotechnologists were farmers. The family farm was where most children learned work and responsibility. It taught the basis for self-sufficiency and frugality as well as providing a blend of changing tasks, a variety of work, and a balance of labor, managing, and risk-taking. Farming provided independence from other people as few occupations did and provided significant opportunity for the hard worker.

This all was true of the family farm in the past, but what about the future? The family farm has many strengths and few weaknesses, but these weaknesses are eroding the ranks. The major weakness is that it usually does not provide an adequate return to capital and hourly labor to be competitive with other occupations. Thus, a lot of young farm people are going to invest their time and resources somewhere else. I believe that the family based farm will continue, however steadily getting larger and fewer in number, less a way of life and more like other businesses. It will still remain unique.

This is but one of the concerns facing the future of agriculture in Wisconsin.

There are other concerns of interest to the future of Wisconsin's agricultural base. One of these is the future of federal milk marketing orders and their effect on local milk pricing. Federal orders have a long history and a probable similar role in the future, but there are some people willing to put them on the bargaining table in order to get other producing areas to talk in earnest about dairy pricing. Politically created price differentials definitely put Wisconsin at a price disadvantage.

The Sustainable Agriculture project which encourages a more diverse and conservation-oriented package of farm products was initiated this year. In February, 35 grants were approved for the coming year. Projects involved a variety of crops in settings which demonstrate fuel savings, conservation tillage, best management practices and other methods for reducing pesticides and nitrogen purchases. Sustainable agriculture minimizes the use of purchased inputs by techniques which use and maintain local, renewable resources. These grants are the first of three annual grant cycles.

The International Agri-Business Center, created in the department in 1986, has been successful in implementing innovative programs and creating new business in Wisconsin. In the past year, in coordination with the state's foreign offices, Center Staff have taken food and agricultural companies to several European and Asian international trade shows and led companies on commodity missions in Asia and Brazil. And of course there is the World Dairy Expo at which Wisconsin hosts over 1600 international visitors from 60 countries.

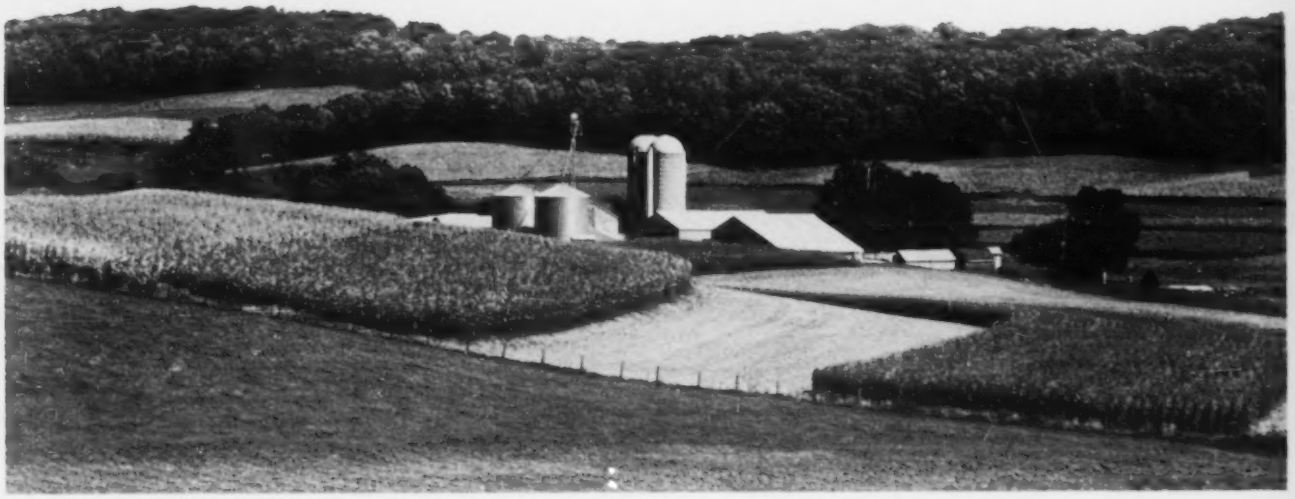
In the area of rural development, the Department has developed a proposal which would provide special low-cost loans for value-added or commodity processing firms. The purpose would be to assist new business ventures that focus on adding value to strengthening or enlarging markets for Wisconsin produced farm commodities.

Milk quality, with the additional requirements of Grade B inspection, stray voltage, and the hay lift to northern counties are other important projects that tested the Department's ability to react to emerging needs in agriculture during the past year.

Information is an essential part of any successful program. This publication provides some of the basic information about and for Wisconsin agriculture.

Howard C. Richards
Secretary
Wisconsin Department of Agriculture,
Trade and Consumer Protection

Wisconsin Agriculture and Economics



The value of agricultural production in the state was up nearly 3 percent from 1986. Wisconsin produced $5.2 billion in commodities and was the eighth most productive state in the nation by this measure.

The 1987 growing season began early and crops developed rapidly with above average temperatures. Below normal precipitation hurt crops in the northwest, and parts of the northeast and central districts. Soils were dry in April after a winter that had lower than average precipitation. Topsoil moisture was short to adequate in May and June. Some crops were slow to germinate and grow in northern and central districts. Scattered showers in May and June provided moisture in the south and various other localities. Above average rainfall in July saved crops in some areas while providing optimum conditions for corn and soybean development in other areas.

Growing season temperatures were above normal for all districts with the greatest increase in the north. Growing degree day accumulations during June through August were higher in the north than they normally are in the south at that time. Most crops matured more rapidly than normal because of the above average temperatures. The development of corn, oats, and soybeans was one to three weeks ahead of schedule during the growing season.

Sunny, dry weather from the last week in September through the end of October enabled farmers to harvest the majority of the corn and soybeans during that time. Fall plowing and winter wheat planting were also aided by the dry conditions. Most farmers completed harvesting by the first week in November and had time to catch up on repairs, wood cutting and other year end activities.

Corn production in 1987 declined almost 10 percent to 330.4 million bushels, with the grain yield of 118 bushels per acre unchanged from last year's record high. Production of all dry hay in Wisconsin during 1987 totaled 8.88 million tons, down nearly 18 percent from 1986. Soybean production increased to 12.2 million bushels, 6 percent higher than last year. All wheat production totaled 4.2 million bushels, dropping 48 percent from last year. The planted and harvested acres of wheat declined by 22 and 41 percent, respectively. The 1987 potato crop totaled 21.3 million hundredweight, up 6 percent from last year's output.

Wisconsin's dairy herds produced 24.8 billion pounds of milk, up 1 percent from 1986. Cheese production totaled 1.9 billion pounds during 1987, up 3 percent from last year. Butter production totaled 261 million pounds for the year, 5 percent below 1986.

Wisconsin's Rank In The Nation's Agriculture, 1987

Commodity	Rank among States	Unit	Production			
			Wisconsin (000)	% of U.S.	United States (000)	Leading State
CASH RECEIPTS 1/						
All commodities	8	Dols.	5,197,026	3.8	136,539,801	California
Livestock and livestock products	5	Dols.	4,359,726	5.8	75,482,634	Texas
Crops	23	Dols.	837,300	1.4	61,057,167	California
DAIRY						
Milk production	1	Lbs.	24,800,000	17.4	142,462,000	Wisconsin
Butter	1	Lbs.	261,493	23.7	1,104,135	Wisconsin
Cheese, total (excluding cottage cheese)	1	Lbs.	1,874,492	35.1	5,344,223	Wisconsin
American	1	Lbs.	1,031,110	38.0	2,716,659	Wisconsin
Swiss	2	Lbs.	46,946	20.7	227,241	Ohio
Muenster	1	Lbs.	81,957	88.5	92,629	Wisconsin
Brick	1	Lbs.	11,932	41.2	28,939	Wisconsin
Italian	1	Lbs.	599,765	33.3	1,799,770	Wisconsin
Blue	1	Lbs.	19,764	55.1	35,863	Wisconsin
Cottage cheese						
Cottage cheese curd	4	Lbs.	28,614	5.0	573,885	New York
Cottage cheese creamed	6	Lbs.	42,913	4.5	944,823	New York
Under 4%	5	Lbs.	9,516	3.5	270,285	California
Over 4%	6	Lbs.	33,397	5.0	674,538	New York
Condensed milk, bulk						
Sweetened, whole	1	Lbs.	73,515	93.4	78,728	Wisconsin
Sweetened, skim	1	Lbs.	56,601	98.4	57,541	Wisconsin
Unsweetened, whole	1	Lbs.	124,352	42.6	292,219	Wisconsin
Unsweetened, skim	2	Lbs.	120,698	12.6	954,683	California
Dry products						
Nonfat dry milk for human use	5	Lbs.	60,477	5.7	1,059,049	California
Nonfat dry milk for animal feed	2	Lbs.	458	2.3	20,204	California
Buttermilk	2	Lbs.	3,105	5.6	55,687	California
Whey products						
Dry whey 2/	1	Lbs.	489,690	42.9	1,141,264	Wisconsin
Lactose for human use	1	Lbs.	56,114	40.3	139,189	Wisconsin
Whey protein concentrate, human use	1	Lbs.	14,934	19.5	76,581	Wisconsin
Whey solids in wet blends	1	Lbs.	72,891	68.8	134,224	Wisconsin
LIVESTOCK AND POULTRY						
All cattle and calves 3/	8	Head	4,230	4.3	98,994	Texas
Milk cows 3/	1	Head	1,790	17.4	10,307	Wisconsin
All hogs and pigs 4/	12	Head	1,280	2.4	53,795	Iowa
Turkeys raised	10	Birds	5,450	2.3	240,349	North Carolina
Mink pelts 5/	1	Pelts	1,132.8	27.8	4,077.6	Wisconsin
CROPS						
Corn for grain	7	Bu.	330,400	4.7	7,064,143	Iowa
Corn for silage	1	Tons	10,220	11.9	85,586	Wisconsin
Oats	3	Bu.	43,200	11.6	373,765	South Dakota
All hay	2	Tons	8,880	6.0	149,142	California
All potatoes	7	Cwt.	21,273	5.5	385,774	Idaho
Tobacco	12	Lbs.	8,370	0.7	1,196,086	North Carolina
Cherries, tart	4	Lbs.	14,000	3.9	358,500	Michigan
Cranberries	2	Bbl.	1,264	38.8	3,258	Massachusetts
Mint for oil	5	Lbs.	322	5.0	6,499	Oregon
Carrots 6/	5	Cwt.	1,750	6.7	26,002	California
Sweet corn for processing	1	Tons	770.0	26.9	2,866.6	Wisconsin
Green peas for processing	1	Tons	114.7	26.0	441.1	Wisconsin
Snap beans for processing	1	Tons	279.4	41.3	676.3	Wisconsin
Cucumbers for pickles	6	Tons	45.8	7.2	635.5	Michigan

1/Source: ERS, USDA, March 1988 Monthly Cash Receipts. 2/Includes reduced lactose and reduced minerals whey. 3/January 1, 1988 inventory. 4/December 1, 1987 inventory. 5/1986 production. 6/Includes portion processed.

The total value of farm assets in Wisconsin declined by a little over 10 percent in 1986 (latest complete data), largely due to decreased values for real estate, crops, machinery and motor vehicles. The average value of assets per farm was $225,501 compared to $248,370 in 1985. Total farm debt decreased 10 percent in 1986 and averaged $67,909 per farm, down from $75,349 in 1985. At the end of 1986 Wisconsin farmers' average debt/asset ratio was 30.1, down slightly from 30.3 in 1985.

The 1986 net farm income after inventory adjustments, a measure of the net value of production, increased to $1.56 billion. This was largely due to an 8 percent decline in production expenses, which have now moved downward for the third year in a row. Net farm income per farm averaged $19,048 in 1986 compared with $12,634 the previous year. Net cash income, indicating the short-term financial status of farmers, increased by 22 percent over 1985 and totaled $2.1 billion. Net cash income per farm, at $25,630, was $4,844 more than in 1985. Farm production expenses for 1986 totaled $4.2 billion, down 8 percent from 1985.

Net business income, a measure of earnings that best corresponds to taxable income for most farmers, increased from $12,181 per farm in 1985 to $17,871 per farm in 1986. Returns to operators averaged $17,529 per farm in 1986 compared to $10,666 a year earlier. This change was primarily due to a decline of $3,140 per farm in nonfactor payments and an increase of $3,117 per farm in gross receipts from 1985 to 1986.

The increase in returns to operators and the decrease in total farm debt produced a large improvement in the ratio of returns to operators/total debt, which moved from 13.7 in 1985 to 24.3 in 1986.

FARM BALANCE SHEET (Excluding Farm Households), Wisconsin, December 31, 1982-86 1/

Item	1986	1985	1984	1983	1982
			Million dollars		
ASSETS					
Total farm assets	**18,491.1**	20,614.7	23,525.9	26,799.2	28,600.7
Real estate 2/	**9,719.5**	11,085.4	13,409.6	16,719.2	18,065.3
Livestock & poultry 3/	**2,708.7**	2,536.0	2,777.8	2,585.0	2,999.7
Machinery & motor vehicles 4/	**3,842.9**	4,212.9	4,587.3	4,823.9	4,889.5
Crops 5/	**984.0**	1,540.1	1,531.1	1,470.8	1,513.0
Financial assets	**1,235.9**	1,240.3	1,220.1	1,200.3	1,133.2
CLAIMS					
Total farm debt	**5,568.5**	6,254.0	6,698.5	6,708.2	6,530.4
Real estate debt 6/	**2,956.6**	3,345.5	3,512.2	3,532.5	3,407.7
Nonreal estate debt 7/	**2,611.9**	2,908.5	3,186.3	3,175.7	3,122.7
Equity	**12,922.6**	14,360.6	16,827.4	20,091.0	22,070.3
RATIOS					
Equity/assets	**69.9**	69.7	71.5	75.0	77.2
Debt/equity	**43.1**	43.5	39.8	33.4	29.6
Debt/assets, total	**30.1**	30.3	28.5	25.0	22.8
Debt/assets, real estate	**30.4**	30.2	26.2	21.1	18.9
Debt/assets, nonreal estate & CCC	**29.8**	30.5	31.5	31.5	29.6
Returns to operator/total debt 8/	**24.3**	13.7	13.4	3.6	13.3

Source: Economic Indicators of the Farm Sector, February 1988, ERS, USDA. 1/Data are for farms with sales of $1,000 or more annually. 2/Excludes value of operator dwellings. 3/Excludes horses, mules, and broilers. 4/Includes only farm share value for trucks and autos. 5/All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. 6/Excludes debt on operator dwellings, but includes CCC storage and drying facility loans. 7/Excludes debt for nonfarm purposes. 8/Total debt in this ratio is an average for the year.

FARM INCOME INDICATIONS (Million Dollars), Wisconsin, 1982-86

Item	1986	1985	1984	1983	1982
Gross farm income 1/	5,800.7	5,672.4	6,149.5	5,566.6	5,928.7
Cash income 6/	5,511.1	5,413.1	5,351.5	5,320.3	5,283.6
Farm marketings	5,056.8	5,074.5	4,947.5	5,018.0	5,093.7
Crops	892.4	1,019.3	873.0	877.6	986.3
Livestock and products	4,164.5	4,055.2	4,074.5	4,140.4	4,107.4
Government payments	266.4	152.2	237.8	166.0	46.5
Other farm income	187.9	186.3	166.1	136.3	143.4
Machine hire/customwork	15.3	23.8	17.3	14.6	21.0
Other farm-related income 2/	172.6	162.6	148.8	121.7	122.5
Noncash income	350.5	420.7	518.2	577.6	612.7
Value of home consumption	48.3	55.5	63.6	59.9	60.0
Rental value of dwellings	302.3	365.2	454.6	517.7	552.7
Operator dwellings	296.8	360.2	449.1	512.0	547.0
Hired laborer dwellings	5.5	5.0	5.5	5.7	5.7
Value of inventory adjustments	-61.0	-161.4	279.8	-331.3	32.4
Total production expenses 1/	4,238.8	4,623.8	5,031.7	5,065.9	4,789.1
Intermediate product expenses	2,262.8	2,479.7	2,674.4	2,698.8	2,387.9
Farm origin	741.7	845.8	923.7	972.3	844.4
Feed purchased	596.8	662.4	730.5	801.5	668.0
Livestock and poultry purchased	34.3	59.3	65.4	59.9	58.9
Seed purchased	110.6	124.1	127.8	110.9	117.5
Manufactured inputs	581.2	713.6	706.6	695.0	744.1
Fertilizer and lime	209.6	270.0	244.5	234.8	274.2
Pesticides	91.1	101.3	100.2	87.3	90.0
Fuel and oil	160.5	220.6	239.3	251.4	264.3
Electricity	120.1	121.7	122.6	121.5	115.6
Other	939.8	920.2	1,044.0	1,031.4	799.4
Repair and maintenance	288.5	287.9	292.7	298.8	294.5
Other miscellaneous 3/	651.4	632.3	751.3	732.7	504.8
Interest	616.9	681.2	728.7	749.4	756.0
Real estate	321.6	348.0	377.8	382.8	359.8
Nonreal estate	295.3	333.3	350.9	366.6	396.2
Contract and hired labor expenses	298.6	296.1	292.9	295.3	306.7
Cash labor expenses 4/	277.8	271.2	267.0	270.8	281.5
Perquisites	20.7	24.9	25.9	24.5	25.2
Net rent to nonoperator landlords 5/	70.7	69.8	115.9	-11.2	59.6
Capital consumption	732.8	830.5	975.0	1,066.4	1,050.9
Property taxes	257.1	266.5	244.9	267.3	228.1
Net farm income	1,561.9	1,048.6	1,117.8	500.7	1,139.6
Cash expenses 6/	3,409.4	3,687.9	3,942.6	3,878.5	3,619.0
Intermediate product expenses	2,220.6	2,433.2	2,625.5	2,646.7	2,338.0
Interest	591.9	657.1	699.8	717.2	722.6
Cash labor expenses	277.8	271.2	267.0	270.8	281.5
Net rent to nonoperator landlords	70.7	69.8	115.9	-11.2	59.6
Property taxes	248.4	256.6	234.4	255.1	217.3
Net cash income 7/	2,101.7	1,725.2	1,408.9	1,441.8	1,664.6
Net business income 8/	1,465.4	1,011.0	577.9	531.2	777.0
Gross receipts of farms 9/	5,503.9	5,312.3	5,700.4	5,054.6	5,381.7
Nonfactor payments 6/	3,105.4	3,403.9	3,690.9	3,812.3	3,442.9
Intermediate product expenses	2,220.6	2,433.2	2,625.5	2,646.7	2,338.0
Capital consumption	636.4	714.2	831.0	910.5	887.5
Property taxes	248.4	256.6	234.4	255.1	217.3
Factor payments 6/	2,398.6	1,908.3	2,009.5	1,242.3	1,938.9
Interest	591.9	657.1	699.8	717.2	722.6
Contract and hired labor expenses	298.6	296.1	292.9	295.3	306.7
Net rent to nonoperator landlords 5/	70.7	69.8	115.9	-11.2	59.6
Returns to operators 10/	1,437.4	885.3	901.0	241.0	850.0
Off-farm income 11/	1,174.2	1,117.0	1,006.3	972.2	956.7
Number of farms	82,000	83,000	86,000	88,000	90,000

Source: Economic Indicators of the Farm Sector, February 1988, ERS, USDA. 1/Includes operator dwellings. 2/Includes forest product sales, recreational income, and other farm business-related income. Estimates for 1982 and later include income from custom feeding services. 3/Includes machine hire and customwork expenses; marketing,storage, and transportation expenses; and miscellaneous expenses. 4/Includes contract labor expenses, hired labor wages, and Social Security payments. 5/Uses different data sources for periods before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods. 6/Excludes operator dwellings. 7/Cash income less cash expenses. 8/Net cash income less capital consumption. 9/Gross farm income less rental value of operator dwellings. 10/Gross receipts of farms less nonfactor payments, interest, contract and hired labor expenses, and net rent to nonoperator landlords. 11/Includes off-farm income for members of farm operator dwellings only.

Prices Received By Farmers For Livestock And Poultry, By Months, Wisconsin, 1982-87

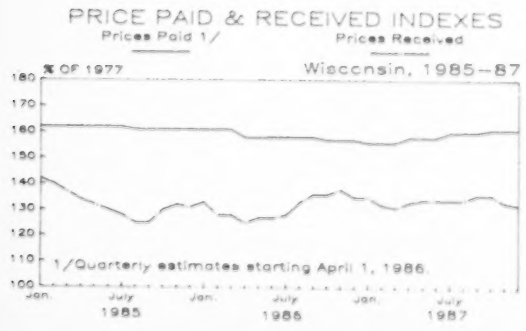
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars per head						
						MILK COWS						
1987	**820**	**-**	**-**	**890**	**-**	**-**	**910**	**-**	**-**	**900**	**-**	**-**
1986	730	-	-	770	-	-	790	-	-	810	-	-
1985	850	-	-	870	-	-	830	-	-	770	-	-
1984	800	-	-	890	-	-	930	-	-	880	-	-
1983	1,000	-	-	1,040	-	-	1,040	-	-	920	-	-
1982	1,070	-	-	1,080	-	-	1,080	-	-	1,030	-	-
						Dollars per 100 pounds						
						BEEF CATTLE 1/						
1987	**46.10**	**47.60**	**49.30**	**51.00**	**52.20**	**53.20**	**52.50**	**51.40**	**52.60**	**51.40**	**50.10**	**51.00**
1986	42.10	42.30	42.60	40.50	43.60	42.20	41.90	44.20	44.30	44.10	44.60	42.00
1985	46.70	47.80	46.40	45.20	44.80	43.20	40.60	39.90	39.40	42.00	43.10	41.50
1984	42.80	48.50	50.60	50.30	49.60	51.00	48.20	47.90	46.90	44.30	43.20	45.70
1983	44.10	46.80	49.60	51.90	51.90	50.20	48.40	45.70	44.30	42.00	41.80	42.30
1982	45.60	48.30	50.30	51.90	56.30	55.10	51.40	50.10	47.60	46.70	43.50	42.50
						SLAUGHTER COWS						
1987	**39.20**	**40.60**	**43.50**	**43.00**	**43.10**	**43.30**	**43.20**	**43.60**	**44.50**	**43.60**	**42.90**	**44.60**
1986	34.40	36.00	35.70	34.10	36.50	37.20	35.80	35.70	36.30	36.30	34.70	34.40
1985	38.20	40.50	39.80	39.30	39.10	37.30	35.40	35.20	34.40	33.60	32.60	32.20
1984	35.30	40.60	42.90	42.80	41.70	42.10	39.70	38.90	36.80	36.50	34.40	34.30
1983	37.30	40.80	42.80	42.70	43.40	42.80	40.60	38.20	37.40	35.70	34.00	33.60
1982	37.40	39.40	40.90	41.80	44.20	43.40	41.60	41.50	40.30	39.50	36.10	35.40
						CALVES						
1987	**91.40**	**90.00**	**88.80**	**97.30**	**113.00**	**110.00**	**107.00**	**117.00**	**119.00**	**119.00**	**118.00**	**114.00**
1986	84.90	89.00	84.70	87.00	89.20	91.20	79.00	81.80	89.90	86.00	80.50	82.80
1985	87.60	84.40	81.60	78.50	89.40	94.50	88.00	90.60	84.70	80.80	88.90	81.40
1984	91.50	96.30	96.30	95.30	101.00	102.00	88.90	86.10	91.30	87.80	67.20	77.90
1983	94.30	103.00	106.00	99.80	111.00	106.00	97.00	95.80	96.50	89.60	83.80	90.40
1982	87.20	91.70	94.40	93.60	105.00	101.00	93.80	94.90	91.20	89.90	83.70	85.00
						HOGS						
1987	**46.20**	**47.10**	**46.50**	**49.80**	**53.50**	**58.10**	**58.60**	**57.40**	**52.60**	**47.20**	**39.10**	**38.40**
1986	43.70	42.00	40.00	39.40	46.60	52.30	58.70	61.50	58.30	52.20	52.50	49.20
1985	46.70	47.20	47.30	42.40	41.90	40.40	43.50	44.40	41.30	38.90	42.70	44.40
1984	47.60	44.40	45.00	46.60	46.60	48.40	51.20	50.00	45.00	42.90	46.60	46.20
1983	53.90	55.40	49.10	45.70	45.00	42.70	42.50	45.30	43.40	39.20	37.10	44.60
1982	42.50	47.00	47.30	50.10	55.50	56.50	57.10	59.60	59.30	53.50	50.80	52.10
						LAMBS						
1987	**79.90**	**77.40**	**81.30**	**86.40**	**89.00**	**79.00**	**73.30**	**70.90**	**69.70**	**67.50**	**66.80**	**76.20**
1986	67.00	69.00	68.50	73.10	82.00	73.00	70.50	67.70	61.50	58.80	68.00	74.60
1985	66.60	70.40	71.50	72.40	75.40	71.70	72.20	70.50	68.40	66.00	66.00	64.00
1984	61.00	62.60	62.60	63.80	65.30	61.70	62.00	64.10	63.30	64.10	65.10	64.20
1983	55.20	62.00	65.00	64.70	63.00	53.50	52.10	49.00	49.20	53.60	56.10	62.50
1982	50.00	54.00	60.00	61.00	66.00	62.50	56.50	56.50	49.50	51.00	46.00	51.00
						Cents per pound						
						TURKEYS						
1987	**33**	**35**	**34**	**33**	**34**	**33**	**34**	**33**	**33**	**32**	**34**	**36**
1986	33	32	32	32	34	39	42	45	46	47	48	42
1985	47	38	38	40	38	41	46	50	55	59	57	54
1984	49	45	38	38	40	40	42	44	49	51	58	66
1983	37	36	36	35	36	28	25	37	46	46	46	47
1982	30	29	30	31	30	34	37	37	38	42	42	41
						Cents per dozen						
						EGGS 2/						
1987	**47**	**44**	**42**	**45**	**41**	**35**	**34**	**33**	**40**	**32**	**41**	**29**
1986	51	45	61	40	44	34	46	50	50	49	50	51
1985	38	34	42	36	34	43	38	46	50	50	56	54
1984	91	79	68	84	53	46	47	46	44	38	51	51
1983	37	41	44	40	46	50	42	49	51	57	72	77
1982	49	51	56	45	37	40	40	38	44	45	44	41

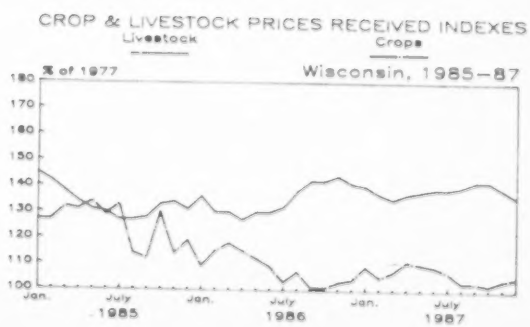
1/Slaughter cows and steers and heifers combined. 2/Market eggs only.

PRICES RECEIVED BY FARMERS FOR CROPS, By Months, Wisconsin, 1983-87

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars per bushel						
						CORN						
1987	**1.38**	**1.31**	**1.37**	**1.48**	**1.63**	**1.61**	**1.52**	**1.41**	**1.43**	**1.51**	**1.60**	**1.65**
1986	2.30	2.31	2.26	2.22	2.30	2.23	1.99	1.81	1.49	1.42	1.45	1.49
1985	2.52	2.54	2.65	2.66	2.65	2.62	2.55	2.47	2.53	2.22	2.23	2.45
1984	3.03	3.05	3.14	3.22	3.33	3.39	3.30	3.22	3.04	2.71	2.52	2.47
1983	2.27	2.52	2.67	2.96	3.01	3.02	3.18	3.35	3.36	3.23	3.10	3.09
						OATS						
1987	**1.32**	**1.29**	**1.33**	**1.31**	**1.35**	**1.32**	**1.20**	**1.18**	**1.29**	**1.40**	**1.51**	**1.54**
1986	1.26	1.28	1.24	1.21	1.19	1.10	0.93	0.83	0.77	1.00	1.09	1.23
1985	1.75	1.69	1.67	1.68	1.60	1.59	1.50	1.25	1.18	1.16	1.15	1.21
1984	1.87	1.87	1.80	1.90	1.86	1.86	1.70	1.58	1.56	1.62	1.70	1.69
1983	1.60	1.67	1.68	1.67	1.66	1.73	1.64	1.59	1.61	1.61	1.80	1.85
						WHEAT						
1987	**2.31**	**2.46**	**2.61**	**2.43**	**2.81**	**2.39**	**2.26**	**2.25**	**2.32**	**2.61**	**2.46**	**2.63**
1986	3.06	2.74	3.17	3.10	3.09	2.76	2.50	2.28	2.20	2.21	2.26	2.27
1985	3.27	3.31	3.24	3.36	3.26	3.13	2.91	2.74	2.61	2.71	3.08	3.08
1984	3.35	3.18	3.49	3.41	3.38	3.34	3.29	3.23	3.24	3.23	3.32	3.15
1983	2.95	3.12	2.97	3.17	3.32	3.40	3.40	3.58	3.49	3.50	3.31	3.29
						SOYBEANS						
1987	**4.52**	**4.47**	**4.54**	**4.65**	**5.22**	**5.32**	**5.01**	**4.77**	**4.84**	**4.83**	**5.13**	**5.34**
1986	4.95	5.05	5.11	5.08	5.06	4.98	4.83	4.71	4.60	4.28	4.56	4.42
1985	5.62	5.58	5.62	5.72	5.57	5.56	5.41	5.02	4.82	4.74	4.80	4.87
1984	7.11	6.67	7.41	7.38	7.94	7.49	6.70	6.30	5.86	5.91	5.86	5.62
1983	5.38	5.52	5.46	5.75	5.91	5.70	5.99	7.84	8.00	7.92	7.72	7.34
						Dollars per ton						
						ALL HAY BALED						
1987	**53.00**	**54.00**	**54.00**	**54.00**	**55.00**	**46.00**	**55.00**	**57.00**	**56.00**	**49.00**	**49.00**	**61.00**
1986	83.00	85.00	91.00	78.00	59.00	50.00	45.00	48.00	48.00	52.00	54.00	57.00
1985	63.00	70.00	66.00	66.00	49.00	77.00	63.00	60.00	60.00	75.00	70.00	84.00
1984	79.00	81.00	90.00	80.00	79.00	76.00	65.00	58.00	59.00	59.00	56.00	70.00
1983	72.00	63.00	66.00	71.00	66.00	63.00	68.00	74.00	65.00	69.00	71.00	75.00
						Dollars per cwt.						
						POTATOES						
1987	**5.95**	**5.30**	**5.35**	**6.40**	**5.05**	**1/**	**1/**	**4.55**	**3.95**	**3.75**	**3.85**	**3.80**
1986	3.00	2.70	3.30	3.15	3.20	3.20	1/	4.60	4.00	4.15	4.20	4.10
1985	5.05	5.30	5.70	6.10	6.20	6.00	2.80	2.30	3.50	3.00	3.45	3.20
1984	6.70	7.00	7.00	7.10	7.00	7.30	6.00	6.00	4.30	4.05	4.00	4.45
1983	4.00	4.00	4.60	5.60	6.40	5.90	5.80	6.20	5.40	4.20	5.20	6.05

1/Insufficient sales to establish price.





PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION
United States, 1984-87

Commodity and unit 1/	Annual average price			
	1987	1986	1985	1984
	Dollars			
FARM MACHINERY				
Combine, self-propelled with grain head, medium capacity	65,300	62,900	63,400	62,750
Corn head, for combine, 4-row	11,100	11,100	11,500	12,000
Corn picker-husker, drawn or mounted, 2-row	12,700	13,600	13,800	13,700
Corn planter, with fertilizer attachment, 4-row	7,500	8,620	8,690	8,520
Cultivator, row crop, tractor attached, 4-row	2,510	2,520	2,500	2,480
Disk harrow, tandem, drawn, 15-17 ft.	7,575	7,755	7,980	7,915
Feed grinder-mixer, trailer-mounted, p.t.o.	8,485	7,920	7,650	7,810
Forage harvester, p.t.o. shear bar, pick-up-attachment	14,800	14,400	14,650	14,000
Grain drill, plain, 15-17 tubes	5,770	5,700	5,490	5,380
Hayrake, side-delivery, traction-drive	2,780	2,780	2,730	2,660
Manure loader, tractor hydraulic, exclude skid or self propelled	3,820	3,760	3,700	3,650
Manure spreader, conveyer type, p.t.o. 141-190-bu. cap.	5,090	5,310	5,220	5,240
Mower-conditioner, p.t.o., pull type, 8-10 ft., cutter bar	8,570	8,630	8,670	8,470
Mower, drawn or mounted, 7 ft.	2,670	2,540	2,480	2,440
Pick-up baler, automatic tie, p.t.o., conventional size bales	9,960	9,490	9,200	8,920
Plow, moldboard, 5 bottoms, drawn or mounted, 1 way	6,610	7,060	6,675	6,925
Tractor, wheel, 110-129 p.t.o. or belt hp	38,950	38,600	39,800	42,067
Wagon, farm, gravity unload, running gear and box, less tires	2,330	1,050	2,050	1,970
Windrower, self-propelled, 12-16 ft.	29,600	28,200	27,600	27,000
MOTOR SUPPLIES				
Diesel fuel, per gallon	.71	1.15	1.00	1.00
Grease, per 35-pound pail	31.60	31.85	31.53	31.65
Motor oil, heavy duty (detergent), per gallon	4.58	4.68	4.68	4.99
Storage batteries, cpr 220-310 amps	48.20	48.03	48.40	50.30
Tires, tractor, rear, 18.4-34, 6-ply	395.00	405.50	375.75	392.25
Tires, truck, 7.50-16, Load Range D 2/	73.15	71.05	62.33	65.48
FARM SUPPLIES				
Chain saw, gasoline, 20-inch	366.00	372.75	373.00	368.25
Fence charger, battery, solid state electronic	63.50	62.20	60.95	60.85
Fence, field and stock, 6" stay wire sp., 32" high, per 20-rod roll	71.75	75.15	77.23	80.35
Pipe, iron, galvanized, 1 1/4-inch, i.d., per foot	2.01	1.96	1.98	2.06
Pitchfork, 4-tine	20.50	21.05	20.50	19.65
Post, line fence, steel	2.48	2.73	2.78	2.94
Sprayer, hand, pressure, 3-4 gallon capacity	31.00	32.75	32.95	33.40
Twine, baler, per 40-pound bale	18.30	18.78	21.43	23.85
Tubing, plastic, 1-inch, i.d., per foot	.25	.25	.26	.25
Welder outfit, acetylene, complete	239.00	252.00	252.00	249.00
Wire, barbed, galvanized, 12 1/2 gauge, 4-point, per 80-rod spool	36.20	38.03	39.50	40.40
BUILDING MATERIALS				
Blocks, concrete, 8" X 8" X 16," per 100	96.70	92.68	90.42	87.72
Boards, rough, for farm fences and construction, per 1,000 bd. ft.	501.00	491.67	484.67	473.83
Cement, portland, 94 lb. net	6.30	6.20	6.07	5.90
Lumber, framing, 2" X 4" fir, standard and better, per 1,000 bd. ft.	391.00	375.33	386.50	396.17
Roofing, galvanized steel, 28-29 gauge, per 100 sq. ft.	41.40	41.42	42.58	43.02
Shingles, fiberglass, mineral surface, approx. 220 lb. per sq.	23.60	26.57	27.75	28.75
FERTILIZER AND LIMING MATERIALS				
Anhydrous ammonia, per ton	183.50	244.25	266.50	233.00
Limestone, ground, per ton	16.70	15.98	16.30	15.90
Mixed fertilizer, 6-24-24, per ton	179.50	186.75	209.00	201.25
Muriate of potash, 60%, K_2O, per ton	125.00	119.50	139.25	136.25
Nitrogen solutions, 28% N, per ton	111.50	132.75	139.50	132.00
Superphosphate, 44-46% P_2O_5, per ton	200.00	199.00	219.50	210.75
Urea, 45-46% N, per ton	160.00	209.25	226.00	210.75

1/Units are each, unless otherwise specified. 2/Beginning 1985, 7.50-16 Load Range D replaced 7.00-15, 6 ply.

CASH RECEIPTS FROM FARM MARKETINGS, By Commodities, Wisconsin, 1982-86 1/

Commodity	1986	1985	1984	1983	1982 2/
			1,000 dollars		
Cash receipts—farm marketings	4,989,135	5,074,253	4,947,535	5,018,045	5,093,701
All livestock, dairy, and poultry	4,103,129	4,055,188	4,074,506	4,140,416	4,107,380
Meat animals	887,471	886,125	863,124	894,735	935,467
Cattle and calves	635,699	639,215	611,528	628,370	655,633
Hogs and pigs	248,001	242,527	248,503	262,417	275,177
Sheep and lambs	3,771	4,383	3,093	3,948	4,657
Dairy products	3,009,683	2,973,747	3,007,555	3,075,808	3,000,715
Poultry and eggs	146,747	147,482	151,925	125,450	121,540
Eggs	34,583	31,350	45,312	36,709	37,643
Turkeys	67,586	76,162	66,977	51,641	47,252
Broilers	16,565	13,171	14,973	12,707	12,722
Farm chickens	1,003	939	1,563	1,323	1,150
Miscellaneous poultry	27,010	25,860	23,100	23,070	22,773
All other livestock	59,228	47,834	51,902	44,423	49,658
Mink	44,066	33,020	36,615	32,160	34,054
Wool	296	294	387	313	334
Honey and beeswax	2,253	3/	3/	3/	3/
Miscellaneous livestock	12,613	14,520	14,900	11,950	15,270
All crops	886,006	1,019,065	873,029	877,629	986,321
Field crops	499,232	617,031	475,277	522,021	635,918
Corn	344,117	411,341	259,539	331,183	440,120
Oats	9,755	14,571	15,987	14,503	15,555
Hay	61,283	77,777	51,710	50,669	46,565
Tobacco	18,086	17,398	17,615	20,981	29,149
Soybeans	44,440	66,924	97,785	80,356	79,415
Wheat	17,955	25,629	28,461	19,798	19,247
Barley	2,403	2,122	2,707	2,920	3,287
Rye	279	355	343	455	435
Miscellaneous field crops	914	914	1,130	1,156	2,145
All vegetables	245,852	262,808	266,272	228,548	229,010
Potatoes	85,531	89,065	94,234	89,308	95,967
Sweet corn	37,863	40,330	36,589	32,051	28,387
Green peas	23,743	36,359	28,323	23,684	29,436
Snap beans	35,378	37,821	35,740	29,495	26,068
Cucumbers	8,640	7,748	6,446	4/	4/
Carrots	9,891	7,287	9,171	7,055	7,709
Onions	3,712	1,502	6,380	4,228	3,031
Miscellaneous vegetables	41,094	42,696	49,389	42,727	38,412
Specialty crops	140,922	139,226	131,480	127,060	121,393
Apples	8,991	8,024	10,626	8,494	8,048
Cherries	788	1,760	2,922	2,222	1,165
Cranberries	65,783	66,017	64,960	59,090	61,230
Strawberries	3,648	2,970	3,129	3,135	3,233
Greenhouse and nursery	54,061	52,041	39,872	45,500	42,150
Mint	5,052	4,505	6,384	5,434	4,252
Miscellaneous specialty crops	2,599	3,909	3,587	3,185	1,315
Government payments	266,424	152,222	237,814	165,990	46,463
Total	5,255,559	5,226,475	5,185,349	5,184,035	5,140,164

Source: Economics, ERS, USDA, October 1987. 1/Values for 1983-86 are preliminary and subject to revision. Revised numbers will be published in the October issue of 1987 Cash Receipts. 2/Revised. 3/Estimate discontinued; included in miscellaneous livestock. 4/ Estimate discontinued; included in miscellaneous vegetables.

CASH RECEIPTS FROM FARM MARKETINGS, By Counties, Wisconsin, 1986

County	All commodities	All livestock				All crops		
		Dairy products	Meat animals	Poultry and eggs	Misc. livestock 1/	Field crops	All vegetables	Other crops 2/
	1,000 dollars							
Barron	147,858	77,770	15,997	37,899	225	10,738	4,789	440
Bayfield	11,480	8,547	1,704	99	43	593	2	492
Burnett	16,147	10,564	2,703	16	52	1,975	105	732
Chippewa	125,196	88,906	16,047	5,122	403	12,464	1,625	629
Douglas	6,188	2,649	1,769	488	601	246	1	434
Polk	82,361	56,733	10,760	2,557	687	10,166	989	469
Rusk	38,670	27,689	5,463	31	2,249	2,242	-	996
Sawyer	10,217	5,177	1,576	4	212	653	126	2,469
Washburn	17,719	11,226	2,898	630	119	1,274	17	1,555
N. W. District	**455,836**	**289,261**	**58,917**	**46,846**	**4,591**	**40,351**	**7,654**	**8,216**
Ashland	7,610	6,110	1,055	13	42	354	-	36
Clark	143,330	113,194	22,865	1,266	943	3,889	530	643
Iron	1,926	572	502	2	490	52	296	12
Lincoln	26,408	17,727	4,226	15	1,127	624	859	1,830
Marathon	193,322	133,928	27,917	1,627	2,642	4,926	21,186	1,096
Oneida	9,722	301	501	5	2,026	84	3,280	3,525
Price	19,132	11,828	2,618	183	1,837	479	52	2,135
Taylor	62,299	46,018	10,934	55	3,728	1,530	12	22
Vilas	4,884	-	146	3	65	17	5	4,648
N. C. District	**468,633**	**329,678**	**70,764**	**3,169**	**12,900**	**11,955**	**26,220**	**13,947**
Florence	2,331	1,505	404	2	26	85	287	22
Forest	3,905	2,679	926	5	81	97	86	31
Langlade	39,698	19,232	4,256	55	926	894	13,916	419
Marinette	34,862	24,619	6,256	35	582	1,737	1,194	439
Oconto	65,441	47,734	10,434	95	125	3,551	2,804	698
Shawano	110,526	84,361	18,718	113	834	4,391	1,584	525
N. E. District	**256,763**	**180,130**	**40,994**	**305**	**2,574**	**10,755**	**19,871**	**2,134**
Buffalo	75,038	50,984	13,133	4,322	85	6,296	18	200
Dunn	111,089	71,119	16,298	8,551	672	10,481	3,738	230
Eau Claire	50,197	31,572	7,439	3,261	486	4,410	2,264	765
Jackson	55,124	27,900	7,127	4,029	585	4,517	94	10,872
La Crosse	47,789	30,157	10,403	41	139	5,244	231	1,574
Monroe	96,828	60,946	12,327	3,001	354	6,429	126	13,645
Pepin	25,424	17,426	4,462	19	42	3,194	266	15
Pierce	69,699	44,784	15,206	54	298	8,723	111	523
St. Croix	93,429	62,812	15,574	2,965	369	9,673	1,269	767
Trempealeau	106,881	63,775	18,481	13,082	951	9,546	208	838
W. C. District	**731,498**	**461,475**	**120,450**	**39,325**	**3,981**	**68,513**	**8,325**	**29,429**
Adams	24,181	6,049	1,983	1,096	134	4,002	10,770	147
Green Lake	46,760	23,596	10,470	324	267	6,656	4,984	463
Juneau	45,287	23,265	6,816	585	103	5,741	5,091	3,686
Marquette	28,888	13,544	6,874	940	179	3,873	1,954	1,524
Portage	94,952	28,712	13,748	338	86	6,384	42,331	3,353
Waupaca	88,941	61,729	14,330	77	295	8,439	3,358	713
Waushara	53,100	15,741	6,067	80	522	5,619	23,943	1,128
Wood	80,796	43,791	9,801	69	631	4,264	2,953	19,287
C. District	**462,905**	**216,427**	**70,089**	**3,509**	**2,217**	**44,978**	**95,384**	**30,301**
Brown	95,139	67,236	16,179	78	627	5,812	2,197	3,010
Calumet	76,167	56,853	9,441	688	2,475	5,158	1,405	147
Door	36,953	24,559	5,273	30	130	2,509	1,360	3,092
Fond du Lac	143,261	91,645	22,504	577	2,745	12,933	11,781	1,076
Kewaunee	69,422	52,368	10,504	46	485	4,021	1,163	835
Manitowoc	115,464	81,713	18,111	390	3,012	7,491	4,292	455
Outagamie	125,819	82,706	23,718	719	391	10,131	4,804	3,350
Sheboygan	83,623	51,225	12,770	243	5,120	7,525	5,447	1,293
Winnebago	60,129	37,501	8,306	889	1,940	8,086	2,106	1,301
E. C. District	**805,977**	**545,806**	**126,806**	**3,660**	**16,925**	**63,666**	**34,555**	**14,559**

CASH RECEIPTS FROM FARM MARKETINGS, By Counties, Wisconsin, 1986, Continued

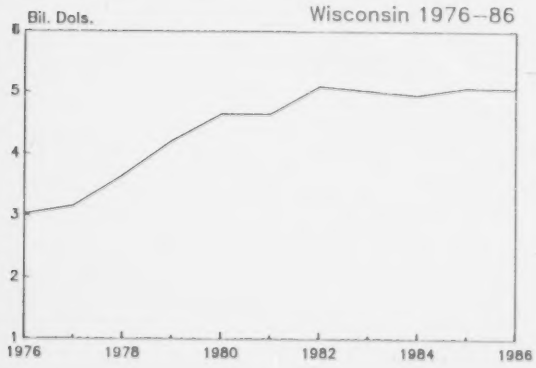
County	All commodities	All livestock				All crops		
		Dairy products	Meat animals	Poultry and eggs	Misc. livestock 1/	Field crops	All vegetables	Other crops 2/
	1,000 dollars							
Crawford	45,893	29,314	10,324	49	150	4,493	15	1,548
Grant	176,864	104,466	58,927	583	246	11,589	330	723
Iowa	97,688	62,782	24,786	1,532	177	6,094	2,102	215
Lafayette	103,912	64,768	29,346	48	394	9,272	22	62
Richland	60,701	40,270	13,504	1,372	157	3,643	706	1,049
Sauk	99,859	63,865	23,202	3,413	326	6,887	1,471	695
Vernon	97,320	67,327	17,547	291	753	10,722	374	306
S. W. District	**682,237**	**432,792**	**177,636**	**7,288**	**2,203**	**52,700**	**5,020**	**4,598**
Columbia	109,364	45,657	29,983	2,719	539	21,743	6,985	1,738
Dane	203,478	110,576	39,733	3,540	1,224	40,708	5,525	2,172
Dodge	172,999	97,514	37,425	1,695	1,464	24,717	7,868	2,316
Green	122,103	78,131	28,496	38	555	14,454	231	198
Jefferson	103,408	47,222	19,234	12,677	1,399	14,219	6,166	2,491
Rock	102,802	41,985	23,236	1,228	1,853	29,820	3,382	1,298
S. C. District	**814,154**	**421,085**	**178,107**	**21,897**	**7,034**	**145,661**	**30,157**	**10,213**
Kenosha	27,855	9,932	3,791	254	1,658	8,814	1,104	2,302
Milwaukee	11,062	632	185	11	48	921	584	8,681
Ozaukee	32,011	18,088	4,659	142	475	4,314	2,413	1,920
Racine	60,105	14,868	6,383	16,051	860	11,028	5,752	5,163
Walworth	78,366	30,308	16,282	3,575	859	19,386	5,446	2,510
Washington	61,127	40,992	7,619	522	397	6,970	1,616	3,011
Waukesha	40,606	18,209	4,789	193	2,506	9,220	1,751	3,938
S. E. District	**311,132**	**133,029**	**43,708**	**20 748**	**6,803**	**60,653**	**18,666**	**27,525**
State	**4,989,135**	**3,009,683**	**887,471**	**146,747**	**59,228**	**499,232**	**245,852**	**140,922**

1/Includes mink, wool, honey, and other livestock. 2/Includes fruit, mint, maple products, greenhouses, nurseries, hay seed, mushrooms, other oil, and miscellaneous crops.

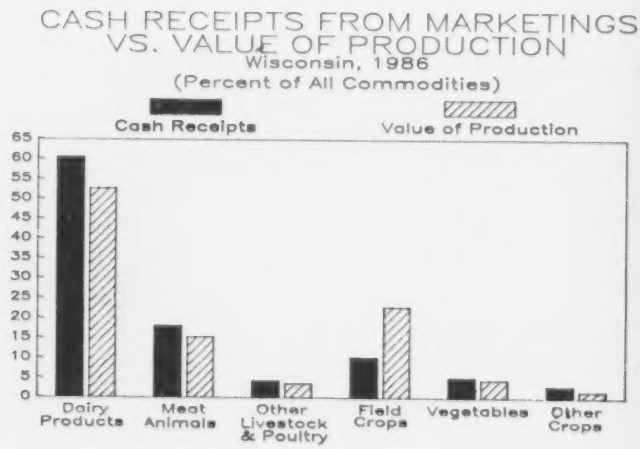
CASH RECEIPTS FROM FARM MARKETINGS
Top Ranking Counties, Wisconsin, 1986

Commodity	1	2	3
All commodities	Dane	Marathon	Grant
Dairy products	Marathon	Clark	Dane
Meat animals	Grant	Dane	Dodge
Poultry and eggs	Barron	Racine	Trempealeau
Field crops	Dane	Rock	Dodge
All vegetable	Portage	Waushara	Marathon
Specialty crops	Wood	Monroe	Jackson

CASH RECEIPTS FROM FARM MARKETINGS



CASH RECEIPTS FROM MARKETINGS VS. VALUE OF PRODUCTION



Number of Farms, Average Size, and Land in Farms, By Counties, Wisconsin, 1986-87

County	1987				1986		
	Number of farms	Average size of farms	Land in farms	Rank	Number of farms	Average size of farms	Land in farms
	Number	Acres			Number	Acres	
Barron	1,830	217.5	398,000	11*	1,870	213.4	399,000
Bayfield	420	264.3	111,000	58	430	262.8	113,000
Burnett	490	216.3	106,000	60	500	214.0	107,000
Chippewa	1,730	249.7	432,000	6	1,760	246.6	434,000
Douglas	350	245.7	86,000	63	360	241.7	87,000
Polk	1,670	208.4	348,000	20	1,720	202.9	349,000
Rusk	790	243.0	192,000	42	810	238.3	193,000
Sawyer	190	263.2	50,000	65	200	250.0	50,000
Washburn	390	274.4	107,000	59	400	270.0	108,000
N. W. District	**7,860**	**232.8**	**1,830,000**		**8,050**	**228.6**	**1,840,000**
Ashland	280	246.4	69,000	64	290	241.4	70,000
Clark	2,400	196.7	472,000	4	2,450	193.5	474,000
Iron	65	215.4	14,000	69*	70	205.7	14,400
Lincoln	570	217.5	124,000	55	580	215.5	125,000
Marathon	3,200	191.3	612,000	2*	3,270	187.5	613,000
Oneida	110	359.1	39,500	66	120	333.3	40,000
Price	540	244.4	132,000	54	550	243.6	134,000
Taylor	1,090	238.5	260,000	31	1,120	233.9	262,000
Vilas	45	166.7	7,500	71	50	152.0	7,600
N. C. District	**8,300**	**208.4**	**1,730,000**		**8,500**	**204.7**	**1,740,000**
Florence	100	245.0	24,500	68	110	227.3	25,000
Forest	130	234.6	30,500	67	140	217.9	30,500
Langlade	560	266.1	149,000	51	580	258.6	150,000
Marinette	820	225.6	185,000	44	840	221.4	186,000
Oconto	1,200	210.0	252,000	33	1,230	205.7	253,000
Shawano	1,740	194.8	339,000	22	1,770	192.4	340,500
N. E. District	**4,550**	**215.4**	**980,000**		**4,670**	**210.9**	**985,000**
Buffalo	1,070	352.3	377,000	15	1,090	348.6	380,000
Dunn	1,630	260.7	425,000	7	1,670	256.3	428,000
Eau Claire	1,030	214.6	221,000	37	1,070	206.5	221,000
Jackson	890	286.5	255,000	32	910	281.3	256,000
La Crosse	850	243.5	207,000	39	870	240.2	209,000
Monroe	1,740	218.4	380,000	14	1,770	215.3	381,000
Pepin	450	266.7	120,000	56	460	263.0	121,000
Pierce	1,370	220.4	302,000	24	1,410	214.9	303,000
St. Croix	1,690	210.7	356,000	19	1,740	205.2	357,000
Trempealeau	1,580	251.3	397,000	13	1,610	247.8	399,000
W. C. District	**12,300**	**247.2**	**3,040,000**		**12,600**	**242.5**	**3,055,000**
Adams	410	290.2	119,000	57	440	272.7	120,000
Green Lake	690	237.7	164,000	47	700	237.1	166,000
Juneau	800	245.0	196,000	40	820	241.5	198,000
Marquette	520	290.4	151,000	50	550	274.5	151,000
Portage	1,070	267.3	286,000	26*	1,110	258.6	287,000
Waupaca	1,460	188.4	275,000	30	1,480	187.2	277,000
Waushara	750	248.0	186,000	43	770	241.6	186,000
Wood	1,210	200.8	243,000	35	1,230	199.2	245,000
C. District	**6,910**	**234.4**	**1,620,000**		**7,100**	**229.6**	**1,630,000**
Brown	1,340	173.1	232,000	36	1,360	172.1	234,000
Calumet	1,020	167.6	171,000	46	1,040	166.3	173,000
Door	1,000	157.0	157,000	49	1,030	153.4	158,000
Fond du Lac	1,860	200.5	373,000	16	1,910	196.3	375,000
Kewaunee	1,080	169.4	183,000	45	1,120	164.3	184,000
Manitowoc	1,640	174.4	286,000	26*	1,660	174.1	289,000
Outagamie	1,640	177.4	291,000	25	1,690	173.4	293,000
Sheboygan	1,300	167.7	218,000	38	1,340	163.4	219,000
Winnebago	1,020	190.2	194,000	41	1,050	185.7	195,000
E. C. District	**11,900**	**176.9**	**2,105,000**		**12,200**	**173.8**	**2,120,000**

Number of Farms, Average Size, and Land in Farms, By Counties, Wisconsin, 1986-87, Continued

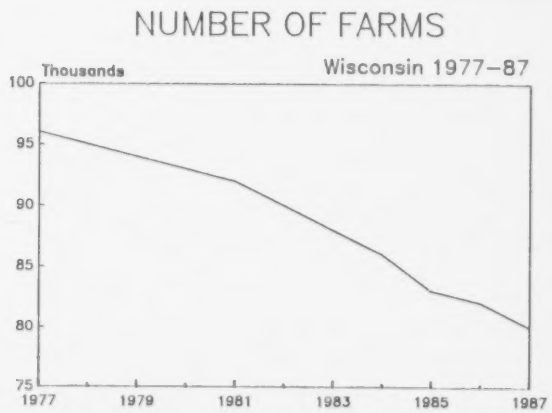
County	1987				1986		
	Number of farms	Average size of farms	Land in farms	Rank	Number of farms	Average size of farms	Land in farms
	Number	Acres			Number	Acres	
Crawford	1,130	252.2	285,000	28	1,140	251.8	287,000
Grant	2,520	269.0	678,000	1	2,570	264.6	680,000
Iowa	1,400	300.0	420,000	9	1,440	293.8	423,000
Lafayette	1,390	286.3	398,000	11*	1,410	284.4	401,000
Richland	1,220	250.0	305,000	23	1,240	248.4	308,000
Sauk	1,570	254.8	400,000	10	1,620	247.5	401,000
Vernon	2,360	179.7	424,000	8	2,420	175.6	425,000
S.W. District	**11,590**	**251.1**	**2,910,000**		**11,840**	**247.0**	**2,925,000**
Columbia	1,560	230.8	360,000	18	1,620	224.1	363,000
Dane	3,100	197.4	612,000	2*	3,140	196.5	617,000
Dodge	2,280	193.4	441,000	5	2,340	189.3	443,000
Green	1,480	231.8	343,000	21	1,500	230.7	346,000
Jefferson	1,540	179.9	277,000	29	1,590	174.8	278,000
Rock	1,600	232.5	372,000	17	1,670	223.4	373,000
S.C. District	**11,560**	**208.0**	**2,405,000**		**11,860**	**204.0**	**2,420,000**
Kenosha	530	184.9	98,000	61	560	176.8	99,000
Milwaukee	170	82.4	14,000	69*	170	82.4	14,000
Ozaukee	520	167.3	87,000	62	530	166.0	88,000
Racine	770	172.7	133,000	53	800	166.3	133,000
Walworth	1,010	241.6	244,000	34	1,050	232.4	244,000
Washington	1,080	147.2	159,000	48	1,090	147.7	161,000
Waukesha	950	152.6	145,000	52	980	149.0	146,000
S.E. District	**5,030**	**175.0**	**880,000**		**5,180**	**170.8**	**885,000**
State	**80,000**	**218.8**	**17,500,000**		**82,000**	**214.6**	**17,600,000**

*Tied.

NUMBER OF FARMS AND LAND IN FARMS 1/ Wisconsin, 1980-87

Year	Number of farms	Land in farms	Average size of farm
	Number	Acres	Acres
1987	**80,000**	**17,500,000**	**218.8**
1986	82,000	17,600,000	214.6
1985	83,000	17,700,000	213.3
1984	86,000	18,000,000	209.3
1983	88,000	18,200,000	206.8
1982	90,000	18,500,000	205.6
1981	92,000	18,600,000	202.2
1980	93,000	18,600,000	200.0

1/Farm defined as a place that sells $1,000 of agricultural products.



VALUE OF LAND AND BUILDINGS AND TAXES LEVIED ON FARM REAL ESTATE, Wisconsin, 1980-88

Year	Value of land and buildings			Taxes levied on farm real estate		
	Average per acre	Value per farm	Total	Average per acre	Average taxes per $ 100 of full value	Total
	Dollars	Dollars	Million dollars	Dollars	Dollars	Million dollars
1988	**630**	**1/**	**11,024**	**1/**	**1/**	**1/**
1987	626	134,383	10,957	1/	1/	1/
1986	711	152,708	12,522	2/ 16.26	2/ 2.29	2/ 274.0
1985	847	180,625	14,992	2/ 16.26	2/ 1.92	2/ 274.0
1984	1,046	219,000	18,832	2/ 15.63	2/ 1.49	2/ 263.4
1983	1,113	230,200	20,257	15.32	1.38	254.0
1982	1,144	235,200	21,164	14.04	1.23	236.6
1981	1,152	232,900	21,427	14.43	1.25	244.5
1980	1,004	200,800	18,674	12.58	1.25	213.1

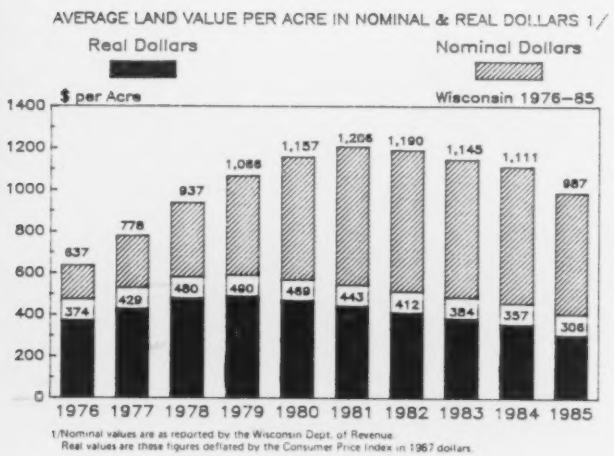
1/Not available at time of publication. 2/Projection.

AGRICULTURAL LAND SALES, By Counties, Wisconsin, 1985-86

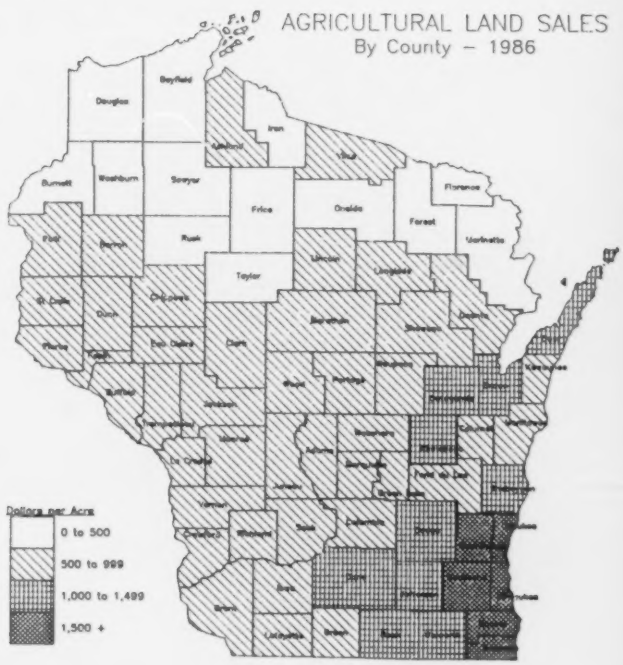
County	Number of transactions		Land continuing in agricultural use		Agricultural land being diverted to other uses		Total of all reported agricultural lands	
	1986	1985	1986	1985	1986	1985	1986	1985
	Number		Dollars per acre					
Barron	91	93	572	657	465	623	558	655
Bayfield	24	35	315	334	303	724	314	366
Burnett	26	28	444	402	342	456	425	409
Chippewa	77	102	550	731	377	562	521	726
Douglas	25	25	245	313	294	150	252	309
Polk	95	94	582	825	543	1,283	577	873
Rusk	45	53	440	484	285	160	389	480
Sawyer	15	30	380	505	271	539	365	512
Washburn	37	38	448	492	516	510	462	495
N. W. District	**435**	**498**	**518**	**619**	**408**	**696**	**500**	**625**
Ashland	18	14	579	326	349	355	516	336
Clark	121	116	614	716	214	312	608	712
Iron	4	1	112	210	393		262	210
Lincoln	51	47	625	564	348	952	581	591
Marathon	174	179	699	903	808	675	710	894
Oneida	11	11	421	2,550	485	320	441	2,211
Price	47	56	430	607	496	842	441	633
Taylor	77	68	477	577	367	556	467	576
Vilas	6	6	762	641	577	843	659	806
N. C. District	**509**	**498**	**609**	**765**	**542**	**665**	**603**	**759**
Florence	35	14	373	310	252	350	346	312
Forest	13	25	403	359	345	584	391	372
Langlade	45	69	595	743	329	591	580	742
Marinette	116	127	494	727	471	970	490	747
Oconto	69	134	627	831	731	1,375	635	876
Shawano	110	155	842	846	581	1,982	829	942
N. E. District	**388**	**524**	**654**	**778**	**480**	**1,484**	**637**	**826**
Buffalo	38	46	575	654	1,540	1,125	601	680
Dunn	71	80	600	605	813	990	617	625
Eau Claire	63	66	648	684	903	1,315	669	740
Jackson	70	74	551	661	406	566	542	644
La Crosse	33	46	784	1,024	1,443	2,060	843	1,123
Monroe	116	90	724	836	879	686	730	818
Pepin	21	21	533	571	385	1,588	530	601
Pierce	59	82	648	870	945	1,458	707	938
St. Croix	122	128	709	972	1,031	1,379	788	1,053
Trempealeau	86	100	524	685	548	468	525	676
W. C. District	**679**	**733**	**630**	**757**	**897**	**1,079**	**657**	**792**
Adams	36	53	836	989	672	1,046	818	1,002
Green Lake	39	40	1,009	989	718	1,174	959	1,043
Juneau	53	60	668	943	595	2,702	665	1,072
Marquette	67	78	605	885	739	758	623	820
Portage	107	148	871	721	477	1,157	789	779
Waupaca	115	156	832	955	726	2,599	819	1,039
Waushara	96	136	672	814	798	836	695	823
Wood	85	89	613	756	733	655	632	743
C. District	**598**	**760**	**759**	**850**	**665**	**1,017**	**745**	**885**
Brown	53	77	969	1,394	1,750	2,616	1,144	1,655
Calumet	34	31	924	1,111	1,741	1,067	979	1,107
Door	45	70	917	1,092	2,371	1,453	1,102	1,151
Fond du Lac	75	80	975	1,221	1,086	1,761	991	1,251
Kewaunee	50	56	840	1,017	654	2,222	837	1,100
Manitowoc	90	67	802	1,024	642	1,107	789	1,050
Outagamie	75	130	1,083	1,262	2,179	3,042	1,232	1,582
Sheboygan	59	63	937	1,029	1,309	1,309	1,020	1,049
Winnebago	48	46	858	1,061	2,424	1,213	1,268	1,075
E. C. District	**529**	**620**	**923**	**1,145**	**1,605**	**1,820**	**1,017**	**1,241**

AGRICULTURAL LAND SALES, By Counties, Wisconsin, 1985-86, Continued

County	Number of transactions		Land continuing in agricultural use		Agricultural land being diverted to other uses		Total of all reported agricultural lands	
	1986	1985	1986	1985	1986	1985	1986	1985
	Number		Dollars per acre					
Crawford	69	53	535	765	439	1,720	533	775
Grant	96	77	669	885	389	400	655	851
Iowa	88	50	834	965	871	992	842	968
Lafayette	34	26	887	1,040	536	1,048	854	1,040
Richland	68	72	609	843	592	956	604	847
Sauk	73	88	825	1,101	845	844	828	1,050
Vernon	114	112	755	888	577	978	738	889
S.W. District	**542**	**478**	**723**	**931**	**688**	**833**	**719**	**923**
Columbia	79	65	985	1,191	1,067	2,849	999	1,248
Dane	135	116	955	1,333	1,868	2,537	1,182	1,457
Dodge	99	96	1,084	1,254	1,382	1,373	1,122	1,257
Green	59	44	863	963	1,369	2,775	878	971
Jefferson	86	57	982	1,263	1,608	836	1,037	1,212
Rock	85	60	1,074	1,332	1,748	2,606	1,121	1,373
S.C. District	**543**	**438**	**988**	**1,233**	**1,606**	**2,063**	**1,066**	**1,279**
Kenosha	28	46	1,800	1,647	3,716	3,451	1,913	2,029
Milwaukee	3	2	1,125	2,197	2,606		1,704	2,197
Ozaukee	40	22	1,788	1,881	3,461	2,208	2,149	1,906
Racine	33	41	1,644	1,909	4,235	5,666	1,829	2,409
Walworth	51	52	1,454	1,760	2,933	3,960	1,497	1,774
Washington	51	69	2,082	1,788	2,327	2,864	2,119	1,943
Waukesha	51	72	2,631	1,979	4,981	2,703	3,360	2,123
S.E. District	**257**	**304**	**1,818**	**1,826**	**3,796**	**3,316**	**2,085**	**2,019**
State	**4,480**	**4,853**	**794**	**945**	**1,093**	**1,358**	**831**	**987**



1/Nominal values are as reported by the Wisconsin Dept. of Revenue.
Real values are those figures deflated by the Consumer Price Index in 1967 dollars.



Crops & Vegetables

The 1987 crop season started early, and crop development progressed swiftly. Warm, dry weather allowed farmers to finish planting ahead of schedule. Crops developed rapidly aided by above average temperatures. The crop year ended with near ideal harvesting conditions, and farmers finished unusually early.

The State average precipitation for the 1987 growing season (April 1 - September 30) totaled 20.3 inches, 6 percent below normal. The northwest district was adversely affected by dryness since only about half of the normal precipitation fell from April through June. Light precipitation in June caused dry topsoil in most areas of the State. Timely July and August rains provided much needed moisture. Growing degree day accumulations from April 1 to October 11 ranged from 11 to 19 percent above normal by district.

Spring fieldwork and planting advanced quickly with above-normal temperatures and lower-than-average rainfall. By the beginning of May over three-fourths of the oat acreage had been planted, the earliest since 1977. Dry soils enabled farmers to make rapid progress with corn planting and by mid-May 80 percent of the acreage was planted. Soybean planting also was completed ahead completed ahead of normal, but dry soils slowed emergence and development. The first cutting of hay started in late May with yields below average except in the southwest and south central districts. The second cutting was generally poor, due to lack of rain. Beneficial July rains provided necessary moisture at a critical time for corn and soybeans, but came too late for a good oats or hay crop. Third crop hay was better than second with a good percentage being cut for haylage. Oats had low bushel weights, and straw supplies were below average. Pushed ahead by the rapid accumulation of growing degree days, corn development was two to three weeks ahead of normal. Below average rainfall across the State in September provided good harvesting conditions which continued into October. Silo filling was nearly finished by the first week in October. Soybeans were ready for harvest early and dried well in the fields with the harvest nearly complete by the end of October. Combines and pickers moved with ease through corn fields, and the harvest was nearly complete at the beginning of November.

It was an excellent year for corn and soybeans; both crops had record high yields. Wisconsin's 1987 harvest of

corn for grain was down 10 percent from 1986. The State average yield of 118 bushels per acre tied 1986's record high yield. An estimated 10.2 million tons of corn silage was produced, with a record-tying yield of 14.0 tons per acre. Soybean production was up 6 percent from a year earlier. Soybean yields averaged a record high 38.0 bushels per acre.

Dry hay production during 1987 was down 18 percent from 1986. Alfalfa and alfalfa mixtures accounted for 7.8 million tons. All wheat production in Wisconsin totaled 4.2 million bushels, a drop of 48 percent from 1986. The winter wheat yield of 54 bushels per acre was the lowest since 1983. Oats production decreased 18 percent from the previous year and was the smallest crop in 100 years. Acreage was down 6 percent while the yield of 54 bushels per acre was 8 bushels lower than in 1986.

Approximately 21.3 million hundredweight of potatoes were produced in 1987, an increase of 6 percent over 1986. Tobacco production totaled 8.4 million pounds, down 29 percent from 1986. Annual declines in tobacco acreage allotments and high assessments for storage have caused production to decrease. Sweet corn had record high yields of 5.50 tons per acre while snap beans had their second highest yield of 3.15 tons per acre. Both of these processing vegetables had increases in harvested acreage. Production increases also occurred in green peas, carrots, apples and tart cherries. Production decreases in 1987 were registered in barley, rye, onions, cranberries, cucumbers, lettuce, mint oil, and strawberries.

CORRECTION — Page 17

Please note that total production shown for the following processing vegetables are in tons rather than thousands of tons:

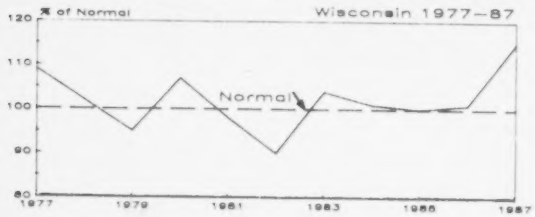
Sweet corn	Snap beans
Green peas	Cucumbers

CROP SUMMARY: All Crops, Wisconsin, 1986-87

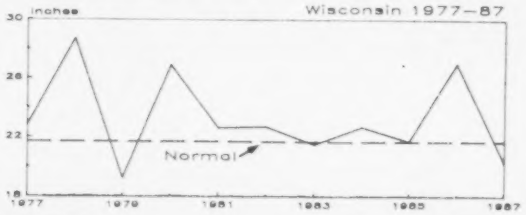
Crop	1987					1986				
	Acres harvested	Yield per acre	Unit	Production		Acres harvested	Yield per acre	Unit	Production	
				Total	Value				Total	Value
	Acres			1,000	1,000 dollars	Acres			1,000	1,000 dollars
Field crops										
Hay, all (dry only)	3,320,000	2.67	Ton	8,880	519,480	3,680,000	2.93	Ton	10,775	571,075
Alfalfa (dry only)	2,800,000	2.80	Ton	7,840	472,410	3,150,000	3.00	Ton	9,450	517,104
All other hay 1/ (dry only)	520,000	2.00	Ton	1,040	47,070	530,000	2.50	Ton	1,325	53,971
Oats	800,000	54.0	Bu.	43,200	64,800	850,000	62.0	Bu.	52,700	59,551
Corn for grain	2,800,000	118.0	Bu.	330,400	561,680	3,100,000	118.0	Bu.	365,800	534,068
Corn for silage	730,000	14.0	Ton	10,220	153,300	760,000	14.0	Ton	10,640	138,320
Soybeans for beans	320,000	38.0	Bu.	12,160	62,016	320,000	36.0	Bu.	11,520	52,646
Wheat, all	88,000	47.3	Bu.	4,164	9,577	148,000	54.3	Bu.	8,040	18,813
Winter	60,000	54.0	Bu.	3,240	7,452	130,000	57.0	Bu.	7,410	17,339
Spring	28,000	33.0	Bu.	924	2,125	18,000	35.0	Bu.	630	1,474
Barley	88,000	54.0	Bu.	4,752	6,653	85,000	57.0	Bu.	4,845	6,008
Rye	5,000	20.0	Bu.	100	170	6,000	28.0	Bu.	168	260
Potatoes, all	63,500	335	Cwt.	21,273	84,028	57,500	350	Cwt.	20,125	92,575
Tobacco, all	4,200	1,993	Lb.	8,370	8,370	6,200	1,913	Lb.	11,860	11,076
Type 54	2,700	2,100	Lb.	5,670	5,670	2,800	1,965	Lb.	5,502	5,227
Type 55	1,500	1,800	Lb.	2,700	2,700	3,400	1,870	Lb.	6,358	5,849
Fruits & Specialties										
Apples	—	—	Lb.	65,000	10,974	—	—	Lb.	58,000	9,390
Tart cherries	—	—	Lb.	14,000	295	—	—	Lb.	3,700	788
Cranberries 2/	8,100	156.0	Bbl.	1,264	64,843	7,900	162.0	Bbl.	1,280	65,664
Strawberries	1,200	37	Cwt.	44	2,508	1,300	49	Cwt.	64	3,648
Peppermint, oil	4,600	36	Lb.	166	2,407	5,300	38	Lb.	201	2,714
Spearmint, oil	4,000	39	Lb.	156	2,262	4,500	37	Lb.	167	2,338
Vegetable, fresh										
Carrots 3/	3,500	500	Cwt.	1,750	10,504	3,500	435	Cwt.	1,523	9,891
Lettuce	0	0	Cwt.	0	0	540	290	Cwt.	157	1,350
Onions	1,200	280	Cwt.	336	3,090	1,200	315	Cwt.	378	3,887
Vegetables, processing										
Sweet corn	140,000	5.50	Ton	770,000	44,275	122,200	5.37	Ton	656,210	37,863
Green peas	82,500	1.39	Ton	114,680	24,886	70,900	1.61	Ton	114,150	23,743
Snap beans	88,700	3.15	Ton	279,410	39,956	77,800	3.18	Ton	247,400	35,378
Cucumbers	5,700	8.03	Ton	45,770	7,461	7,200	7.50	Ton	54,000	8,640

1/Includes clover, timothy, and other types. 2/1986 season average price used in computing value. 3/Includes portion processed.

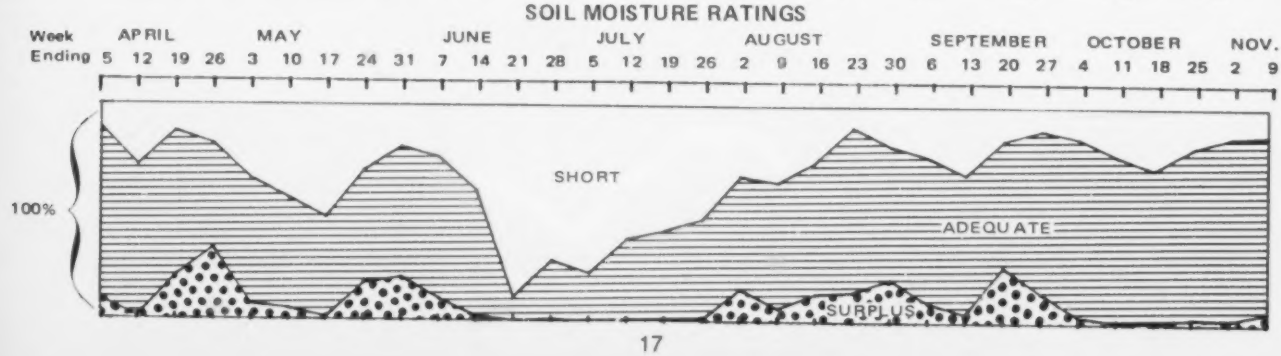
CORN GROWING DEGREE DAYS



GROWING SEASON RAINFALL



SOIL MOISTURE RATINGS



Monthly And Annual Precipitation, By Selected Stations and Districts, Wisconsin, 1987

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
													Total	Change from normal
	Precipitation (inches)													
Northwest														
Amery	0.46	0.06	0.44	0.09	2.15	1.82	6.17	3.19	3.18	1.78	2.53	1.48	23.35	-7.92
Spooner	0.35	0.07	0.33	0.30	2.63	1.27	9.07	2.81	3.37	1.90	2.52	1.38	26.00	-5.27
Superior 1/	0.64	0.21	1.00	0.25	4.79	0.98	4.80	1.59	1.95	0.63	2.04	-	-	-
District	0.56	0.15	0.61	0.33	3.21	1.83	6.07	2.87	2.97	1.89	2.60	1.45	24.54	-6.73
Normal	0.99	0.77	1.65	2.43	3.65	4.39	4.20	4.58	3.54	2.23	1.67	1.17	31.27	
North Central														
Medford 1/	0.52	0.05	-	0.84	2.92	2.59	5.42	2.79	-	3.04	2.37	1.52	-	-
Rhinelander 1/	0.79	0.10	0.63	1.02	2.81	1.70	3.82	-	2.59	1.79	2.45	3.46	-	-
Wausau	0.62	0.06	1.12	1.33	3.13	1.95	5.73	3.18	2.34	2.03	3.50	1.50	26.49	-5.40
District	0.73	0.11	0.88	1.12	2.93	2.26	5.29	2.49	2.36	3.07	2.81	1.90	25.95	-5.94
Normal	1.08	0.90	1.72	2.48	3.64	4.16	4.04	4.56	3.80	2.30	1.89	1.32	31.89	
Northeast														
Brule Island	0.46	0.19	1.17	1.76	3.35	2.04	6.61	3.37	2.18	2.21	2.77	1.64	27.75	-3.28
Marinette	0.76	0.36	1.64	2.25	2.84	1.45	1.59	3.95	3.57	3.23	3.65	2.40	27.69	-3.34
Shawano	0.60	0.15	1.45	1.77	2.17	2.63	3.45	2.31	2.58	2.86	3.66	1.86	25.49	-5.54
District	0.55	0.14	1.51	1.87	2.86	1.80	3.29	3.18	2.97	2.52	3.32	2.23	26.24	-4.79
Normal	1.19	1.04	1.91	2.82	3.50	3.77	3.62	3.91	3.67	2.24	1.89	1.47	31.03	
West Central														
Blair	0.86	0.05	1.89	1.68	3.46	3.27	9.16	3.87	2.61	0.77	3.21	1.60	32.43	0.93
La Crosse	1.17	0.30	2.23	2.35	4.58	2.55	9.35	3.71	2.10	0.56	2.67	1.82	33.39	1.89
River Falls	0.22	0.04	0.44	0.35	3.14	2.78	10.48	4.33	1.59	1.39	1.66	0.58	27.00	-4.50
District	0.73	0.07	1.33	1.46	3.70	3.00	9.18	3.68	2.37	1.30	2.86	1.57	31.25	-0.25
Normal	0.91	0.80	1.91	2.90	3.88	4.42	4.03	4.11	3.58	2.25	1.61	1.10	31.50	
Central														
Hancock 1/	0.64	0.25	1.53	2.76	2.90	6.69	2.30	1.44	-	1.82	3.38	1.24	-	-
Marshfield	0.68	0.00	1.43	1.35	1.88	2.97	6.13	2.56	2.47	1.34	2.83	1.46	25.10	-5.87
Montello	0.64	0.04	3.70	3.90	3.14	1.65	3.62	2.48	5.66	1.75	3.48	1.71	31.77	0.80
District	0.83	0.15	2.05	2.83	2.63	3.87	4.17	2.29	3.06	1.55	3.28	1.75	28.46	-2.51
Normal	1.00	1.02	2.03	2.99	3.77	3.67	3.57	3.77	3.71	2.36	1.77	1.31	30.97	
East Central														
Green Bay	0.47	0.39	1.53	2.33	2.58	1.83	2.18	3.41	1.57	1.76	3.07	2.04	23.16	-6.37
Oshkosh 1/	0.75	0.26	3.46	-	2.94	1.72	4.28	3.79	2.24	1.40	2.81	2.52	-	-
Sheboygan	1.24	0.02	1.67	2.92	2.98	2.03	3.08	5.56	4.22	1.50	2.98	3.33	31.53	2.00
District	0.81	0.31	1.79	2.52	2.94	2.12	2.78	4.44	3.59	2.01	3.13	2.61	29.05	-0.48
Normal	1.23	1.12	2.03	2.88	3.13	3.33	3.38	3.33	3.23	2.34	1.90	1.63	29.53	
Southwest														
Darlington	0.56	0.03	3.32	2.25	5.39	2.33	5.82	6.47	2.31	0.81	2.89	3.93	36.11	4.20
Hillsboro	0.67	0.52	1.16	3.46	3.99	1.81	7.73	3.92	1.79	1.60	2.91	2.20	31.76	-0.15
Lancaster	0.42	0.02	3.12	2.83	3.78	4.15	6.71	6.78	2.34	0.77	3.87	2.68	37.47	5.56
District	0.65	0.21	2.08	2.97	4.22	2.28	6.35	5.50	2.70	1.17	3.08	2.62	33.83	1.92
Normal	0.96	1.01	2.06	3.32	3.62	4.13	3.98	3.98	3.50	2.27	1.80	1.28	31.91	
South Central														
Beloit	0.81	0.07	2.62	4.06	2.63	1.32	6.78	9.72	2.48	0.74	3.07	3.70	38.00	6.25
Madison	0.68	0.62	1.99	2.46	3.90	1.17	3.26	7.16	3.61	1.24	3.24	4.09	33.42	1.67
Portage	0.69	0.04	2.76	3.39	4.05	2.60	3.75	5.94	5.25	1.60	3.78	2.54	36.39	4.64
District	0.62	0.15	2.04	3.63	3.96	1.26	4.05	6.20	3.86	1.34	3.16	3.24	33.51	1.76
Normal	1.16	1.03	2.14	3.24	3.21	3.93	3.93	3.84	3.44	2.37	1.92	1.54	31.75	
Southeast														
Kenosha	2.48	0.93	1.51	4.93	4.80	1.09	4.01	12.65	4.32	1.28	2.16	5.18	45.34	13.63
Milwaukee	1.22	1.22	1.74	4.26	3.76	2.23	4.20	9.05	2.22	1.09	2.73	5.42	39.14	7.43
West Bend 1/	0.93	0.00	1.89	-	3.17	1.35	7.85	5.39	4.54	1.46	2.83	3.25	-	-
District	0.89	0.39	1.96	4.35	3.57	1.42	5.45	7.08	3.35	1.12	2.34	4.14	36.06	4.35
Normal	1.42	1.09	2.27	3.30	2.95	3.79	3.85	3.58	3.21	2.40	2.06	1.79	31.71	
State	0.71	0.19	1.58	2.34	3.34	2.20	5.18	4.19	3.03	1.77	2.95	2.39	29.88	-1.39
Normal	1.10	0.98	1.97	2.93	3.48	3.95	3.84	3.96	3.52	2.31	1.83	1.40	31.27	

1/ Data incomplete. Source: Climatological Data, U.S. Department of Commerce, NOAA, Environmental Data Service.

INDEX OF CROP PRODUCTION: By Major Groups and Selected Crops, Wisconsin, 1978-87 1/ (1977=100)

Crop group	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
Main field crops	**86**	96	98	99	87	107	103	96	97	94
Hay	**74**	90	93	106	102	106	89	102	102	97
Oats	**57**	69	68	70	59	65	69	77	74	83
Corn, grain	**104**	115	113	109	70	114	119	110	100	93
Corn, silage	**87**	90	96	88	88	108	108	80	92	94
Other field crops	**133**	137	147	148	128	142	121	105	101	93
Soybeans	**181**	171	143	208	206	203	184	162	149	102
Potatoes	**118**	112	134	118	105	125	101	89	94	96
Tobacco	**32**	49	74	67	68	83	108	107	103	83
Vegetables	**120**	107	114	109	96	98	100	90	105	89
Green peas	**79**	78	110	88	75	101	86	105	121	74
Sweet corn	**129**	110	112	107	95	94	100	86	96	85
Snap beans	**150**	133	134	127	114	103	115	114	115	102
Fruit	**128**	125	126	122	116	132	109	122	104	104
Apples	**116**	104	107	95	104	107	105	116	96	118
Cherries	**40**	30	70	98	37	82	79	99	120	94
Cranberries	**148**	150	144	141	133	152	113	127	106	96
Miscellaneous	**93**	107	98	145	142	102	99	89	85	92
Total	**89**	98	100	101	89	108	104	96	97	94

1/Includes revisions.

FIELD CROPS: Production, Farm Use, Sales, and Value, Wisconsin, 1980-87 1/ 2/

Crop year	Production	Used on farms where produced	Sold	Sales as percent of production	Marketing year average 3/	Value	
						Production	Sales
	1,000 bushels			Percent	Dollars/bushel	1,000 dollars	
				CORN FOR GRAIN			
1987	**330,400**	**208,152**	**122,248**	**37.0**	**1.70**	**561,680**	**207,822**
1986	365,800	223,138	142,662	39.0	1.46	534,068	208,287
1985	358,450	—	—	—	2.19	785,006	—
1984	344,500	189,475	155,025	45.0	2.58	888,810	399,965
1983	223,100	160,632	62,468	28.0	3.15	702,765	196,774
1982	361,800	187,800	174,000	48.1	2.69	973,242	468,060
1981	378,000	189,000	189,000	50.0	2.31	873,180	436,590
1980	348,400	184,652	163,748	47.0	2.99	1,041,716	489,607
				SOYBEANS			
1987	**12,160**	**1,216**	**10,944**	**90.0**	**5.10**	**62,016**	**55,814**
1986	11,520	196	11,324	98.3	4.57	52,646	51,751
1985	9,600	—	—	—	4.85	46,560	—
1984	13,950	209	13,741	98.5	5.70	79,515	78,324
1983	13,825	180	13,645	98.7	7.60	105,070	103,702
1982	13,640	208	13,432	98.5	5.63	76,793	75,622
1981	12,375	210	12,165	98.3	5.95	73,631	72,382
1980	10,890	196	10,694	98.2	7.35	80,042	78,601
				WHEAT			
1987	**4,164**	**125**	**4,039**	**97.0**	**2.30**	**9,577**	**9,290**
1986	8,040	322	7,718	96.0	2.34	18,813	18,060
1985	8,800	—	—	—	2.80	24,640	—
1984	9,640	357	9,283	96.3	3.25	31,330	30,170
1983	5,812	232	5,580	96.0	3.50	20,343	19,530
1982	5,596	201	5,395	96.4	3.10	17,348	16,725
1981	5,518	199	5,319	96.4	3.50	19,313	18,617
1980	4,365	196	4,169	95.5	3.85	16,805	16,051

1/Includes revisions. 2/Disposition estimates were not made in 1985. 3/Marketing year for corn and soybeans, September-August; wheat, June-May.

FIELD CROPS: Production, Farm Use, Sales, and Value, Wisconsin, 1980-87 1/ 2/, Continued

Crop year	Production	Used on farms where produced	Sold	Sales as percent of production	Marketing year average 3/	Value	
						Production	Sales
	1,000 bushels			Percent	Dollars/bushel	1,000 dollars	
				OATS			
1987	**43,200**	**31,536**	**11,664**	**27.0**	**1.50**	**64,800**	**17,496**
1986	52,700	38,471	14,229	27.0	1.13	59,551	16,079
1985	51,480	—	—	—	1.31	67,439	—
1984	53,320	44,256	9,064	17.0	1.64	87,445	14,865
1983	45,050	38,292	6,758	15.0	1.74	78,387	11,759
1982	49,290	40,418	8,872	18.0	1.62	79,850	14,373
1981	52,606	43,137	9,469	18.0	1.77	93,113	16,760
1980	58,743	48,757	9,986	17.0	1.60	93,989	15,978
				RYE			
1987	**100**	**30**	**70**	**70.0**	**1.70**	**170**	**119**
1986	168	64	104	62.0	1.55	260	161
1985	234	—	—	—	2.25	527	—
1984	216	76	140	65.0	2.20	475	308
1983	300	120	180	60.0	2.20	660	396
1982	300	120	180	60.1	2.30	690	414
1981	408	122	286	70.0	2.60	1,061	744
1980	368	110	258	70.1	2.60	957	671
				HAY 4/			
1987	**8,880**	**8,170**	**710**	**8.0**	**58.50**	**519,480**	**41,535**
1986	10,775	10,021	754	7.0	53.00	571,075	39,962
1985	11,120	—	—	—	73.50	817,320	—
1984	12,770	11,646	1,124	8.8	64.00	817,280	71,936
1983	12,200	11,346	854	7.0	77.00	939,400	65,758
1982	12,753	11,707	1,046	8.2	66.50	848,075	69,559
1981	10,725	9,663	1,062	9.9	66.00	707,850	70,092
1980	12,215	11,421	794	6.5	41.50	506,923	32,951

1/Includes, revisions. 2/Disposition estimates were not made in 1985. 3/Marketing year for oats, rye, and hay, June-May. 4/Production, farm use, and sales in thousand tons; marketing year average price in dollars per ton.

POTATOES: Production, Utilization, Sales, and Value, Wisconsin, 1980-87

Crop year	Production	Total used for seed	Feed, seed, household use	Shrinkage and loss	Sold	Marketing year average	Value	
							Production	Sales
	1,000 cwt.					Dollars/cwt.	1,000 dollars	
1987 1/	**21,273**	—	—	—	—	**3.95**	**84,028**	—
1986	20,125	1,152	262	1,408	18,455	4.60	92,575	84,893
1985*	24,130	1,003	220	1,660	22,250	3.15	76,010	70,088
1984	21,350	1,170	171	918	20,261	4.80	102,480	97,253
1983	18,910	1,054	354	875	17,681	5.55	104,951	98,130
1982	22,575	1,071	294	880	21,401	4.10	92,558	87,744
1981	18,190	1,122	346	782	17,062	4.70	85,493	80,191
1980	16,000	990	304	1,168	14,528	10.10	161,600	146,733

1/Utilization data for 1987 not available at time of publication. *Revised.

GRAIN STOCKS: Specified Crops By Storage Position
Wisconsin, January 1, April 1, 1979-88

Crop year	January 1			April 1		
	On farms	Off farms 1/	Total	On farms	Off farms 1/	Total
	1,000 bushels					
	CORN					
1988 2/	**300,000**	**94,750**	**394,750**	**220,000**	**81,722**	**301,722**
1987 2/	325,000	87,664	412,664	238,000	92,100	330,100
1986	265,253	46,468	311,721	193,563	43,537	237,100
1985	220,480	36,725	257,205	165,360	26,014	191,374
1984	196,328	44,412	240,740	129,398	31,297	160,695
1983	325,620	55,617	381,237	242,406	45,927	288,333
1982	272,160	43,975	316,135	219,240	38,379	257,619
1981	257,816	37,805	295,621	188,136	32,366	220,502
1980	250,620	39,378	289,998	177,654	34,422	212,076
1979	229,320	32,449	261,769	164,640	30,620	195,260
	SOYBEANS					
1988 2/	**6,000**	**7,220**	**13,220**	**4,600**	**4,783**	**9,383**
1987 2/ **	7,000	4,725	11,725	4,000	4,677	8,677
1986	5,280	2,511	7,791	4,608	2,194	6,802
1985	7,673	2,105	9,778	6,138	1,346	7,484
1984	6,083	2,006	8,089	4,148	1,593	5,741
1983	7,775	1,692	9,467	6,820	1,401	8,221
1982	7,425	1,704	9,129	6,559	1,478	8,037
1981	5,445	3,899	9,344	4,792	3,099	7,891
1980	5,316	2,879	8,195	3,711	2,057	5,768
1979	4,541	818	5,359	2,270	1,171	3,441
	WHEAT					
1988 2/	*	**23,410**	*	*	**24,407**	*
1987 2/	*	26,149	*	*	27,584	*
1986	1,144	20,942	22,086	*	27,098	*
1985	1,350	12,342	13,692	771	13,001	13,772
1984	872	10,703	11,575	407	16,644	17,051
1983	1,231	14,275	15,506	783	15,668	16,451
1982	828	17,153	17,981	717	19,352	20,069
1981	786	14,116	14,902	655	17,665	18,320
1980	800	8,323	9,123	605	12,822	13,427
1979	702	5,618	6,320	593	10,587	11,180
	OATS					
1988	**3/**	**3/**	**3/**	**3/**	**3/**	**3/**
1987	3/	3/	3/	3/	3/	3/
1986	35,521	2,462	37,983	3/	3/	3/
1985	37,857	2,510	40,367	27,193	1,743	28,936
1984	36,040	1,949	37,989	22,525	1,297	23,822
1983	36,968	1,382	38,350	23,659	1,405	25,064
1982	41,559	1,779	43,338	28,407	1,053	29,460
1981	50,519	2,202	52,721	30,546	2,679	33,225
1980	43,571	1,446	45,017	29,047	1,601	30,648
1979	50,176	2,129	52,305	30,106	1,594	31,700
	BARLEY					
1988	**3/**	**3/**	**3/**	**3/**	**3/**	**3/**
1987	3/	3/	3/	3/	3/	3/
1986	2,306	24,019	26,325	3/	3/	3/
1985	1,537	15,827	17,364	1,193	16,380	17,573
1984	1,958	16,739	18,697	1,037	14,475	15,512
1983	2,150	11,314	13,464	1,720	11,676	13,396
1982	1,235	11,699	12,934	1,140	12,805	13,945
1981	1,074	17,778	18,852	844	17,188	18,032
1980	726	29,990	21,716	402	19,957	20,359
1979	662	18,908	19,570	370	15,450	15,820

1/Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC-owned grain at bin sites. 2/Reference dates changed from January 1 to December 1, previous year, and from April 1 to March 1. 3/Quarterly on-farm and off-farm stocks are discontinued. *USDA's policy to not publish "minor" states separately. **Revised.

GRAIN STOCKS: Specified Crops By Storage Position
Wisconsin, June 1, October 1, 1979-87

Crop year	June 1			October 1		
	On farms	Off farms 1/	Total	On farms	Off farms 1/	Total
	1,000 bushels					
	CORN					
1987 2/	**168,000**	**72,800**	**240,800**	**120,000**	**64,700**	**184,700**
1986 2/	136,211	46,652	182,863	105,000	41,319	146,319
1985	106,795	23,281	130,076	37,895	17,722	55,617
1984	82,547	18,000	100,547	20,079	8,487	28,566
1983	198,990	46,718	245,708	119,394	41,532	160,926
1982	192,780	27,237	220,017	86,940	20,252	107,192
1981	125,424	21,643	147,067	48,776	9,985	58,761
1980	136,413	25,543	161,956	47,586	13,438	61,024
1979	129,360	24,393	153,753	49,980	14,109	64,089
	SOYBEANS 3/					
1987	**3,000**	**4,050**	**7,050**	**1,400**	**3,200**	**4,600**
1986	2,784	2,063	4,847	1,250	1,542	2,792
1985	4,185	1,375	5,560	1,814	632	2,446
1984	2,212	1,164	3,376	926	594	1,520
1983	4,638	735	5,373	2,592	690	3,282
1982	4,331	1,087	5,418	1,238	442	1,680
1981	4,247	809	5,056	2,396	557	2,953
1980	2,407	1,435	3,842	502	807	1,309
1979	1,307	1,524	2,831	413	*	*
	WHEAT					
1987 2/	*	**23,800**	*	*	**30,000**	*
1986 2/	*	23,933	*	*	30,680	*
1985	289	15,664	15,953	1,760	22,336	24,096
1984	291	11,198	11,489	2,024	24,518	26,542
1983	504	7,978	8,482	1,162	17,523	18,685
1982	662	12,281	12,943	1,455	16,268	17,723
1981	611	10,336	10,947	993	20,589	21,582
1980	346	9,250	9,596	1,310	20,764	22,074
1979	468	8,037	8,505	930	15,599	16,529
	OATS					
1987	**16,300**	**1,570**	**17,870**	**4/**	**4/**	**4/**
1986	18,018	1,579	19,597	4/	4/	4/
1985	17,596	1,720	19,316	50,965	3,124	54,089
1984	16,218	905	17,123	50,654	3,057	53,711
1983	17,252	1,068	18,320	45,050	1,908	46,958
1982	17,886	1,071	18,957	40,418	2,103	42,521
1981	23,497	1,542	25,039	44,189	2,699	46,888
1980	20,110	1,637	21,747	53,456	2,814	56,270
1979	21,325	1,301	22,626	47,481	2,574	50,055
	BARLEY					
1987	*	**19,350**	*	**4/**	**4/**	**4/**
1986	*	19,000	*	4/	4/	4/
1985	795	12,729	13,524	2,890	26,049	28,939
1984	691	10,508	11,199	1,590	19,350	20,940
1983	1,478	10,623	12,101	2,534	26,105	28,639
1982	1,045	10,405	11,450	2,688	12,117	14,805
1981	690	11,736	12,426	1,330	20,375	21,705
1980	337	19,024	19,361	1,227	19,937	21,164
1979	318	14,653	14,971	778	24,724	25,502

1/Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC-owned grain at bin sites. 2/Reference dates changed from October 1 to September 1. 3/Soybean estimates are for September 1. 4/Quarterly on-farm and off-farm stocks are discontinued. *USDA's policy not to publish "minor" states separately.

CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	All corn planted	Grain harvested	Yield per acre	Production		All corn planted	Grain harvested	Yield per acre	Production
				Quantity	Rank				
	Acres		Bushels			Acres		Bushels	
Barron	63,400	47,100	113.8	5,358,000	21	67,300	51,400	105.1	5,400,000
Bayfield	1,300	400	92.5	37,000	65	1,400	400	95.0	38,000
Burnett	13,600	10,800	95.0	1,026,000	55	14,400	11,600	88.8	1,030,000
Chippewa	69,400	50,500	121.0	6,110,000	18	75,400	56,600	120.2	6,806,000
Douglas	300	100	90.0	9,000	69	300	100	90.0	9,000
Polk	57,700	41,500	105.0	4,358,000	31	61,500	46,400	105.0	4,870,000
Rusk	14,700	8,500	109.3	929,000	57	15,400	9,300	95.6	889,000
Sawyer	4,200	2,700	92.6	250,000	61	4,300	3,000	80.0	240,000
Washburn	9,400	6,400	103.4	662,000	58	10,000	7,200	94.0	677,000
N. W. District	**234,000**	**168,000**	**111.5**	**18,739,000**		**250,000**	**186,000**	**107.3**	**19,959,000**
Ashland	1,900	700	97.1	68,000	64	2,000	800	100.0	80,000
Clark	78,300	47,000	121.2	5,696,000	19	86,700	52,100	102.7	5,350,000
Iron	650	250	93.2	23,300	67	700	300	90.0	27,000
Lincoln	6,000	2,600	109.6	285,000	60	6,400	2,800	97.5	273,000
Marathon	81,000	45,500	121.7	5,537,000	20	89,050	49,900	107.2	5,351,000
Oneida	100	—	—	—	—	100	—	—	—
Price	4,800	1,900	115.3	219,000	62	4,850	1,900	104.2	198,000
Taylor	20,200	11,000	111.7	1,229,000	54	22,200	12,200	94.9	1,158,000
Vilas	50	50	94.0	4,700	70	—	—	—	—
N. C. District	**193,000**	**109,000**	**119.8**	**13,062,000**		**212,000**	**120,000**	**103.6**	**12,437,000**
Florence	1,100	250	88.0	22,000	68	1,000	300	70.0	21,000
Forest	600	250	100.0	25,000	66	700	250	92.0	23,000
Langlade	9,400	4,700	104.9	493,000	59	9,600	4,550	100.0	455,000
Marinette	25,000	16,000	90.1	1,441,000	53	26,300	17,000	86.2	1,466,000
Oconto	56,500	39,500	95.5	3,771,000	41	60,300	42,700	97.8	4,174,000
Shawano	64,400	38,300	109.9	4,210,000	33	68,100	41,200	106.9	4,405,000
N. E. District	**157,000**	**99,000**	**100.6**	**9,962,000**		**166,000**	**106,000**	**99.5**	**10,544,000**
Buffalo	47,300	39,800	132.2	5,261,000	22	51,500	43,400	121.8	5,288,000
Dunn	77,500	67,200	125.4	8,424,000	11	84,400	73,100	121.0	8,842,000
Eau Claire	35,200	29,400	114.9	3,377,000	44	38,800	32,500	107.1	3,482,000
Jackson	36,200	30,400	118.4	3,600,000	43	39,500	33,200	118.8	3,945,000
La Crosse	33,500	28,800	131.7	3,793,000	39	36,900	31,800	129.4	4,115,000
Monroe	46,200	35,900	127.5	4,579,000	29	50,500	39,200	126.8	4,971,000
Pepin	22,100	18,300	122.0	2,232,000	49	24,300	20,000	114.8	2,296,000
Pierce	73,000	62,500	121.2	7,572,000	15	82,600	70,900	113.8	8,067,000
St. Croix	78,300	64,700	120.6	7,803,000	14	87,700	72,800	110.3	8,032,000
Trempealeau	64,700	53,000	126.6	6,708,000	17	71,800	59,100	128.4	7,590,000
W. C. District	**514,000**	**430,000**	**124.1**	**53,349,000**		**568,000**	**476,000**	**119.0**	**56,628,000**
Adams	23,900	21,500	99.9	2,147,000	50	28,100	25,300	100.2	2,535,000
Green Lake	44,100	37,600	113.7	4,275,000	32	49,500	42,000	111.2	4,670,000
Juneau	39,800	34,500	114.5	3,950,000	35	44,000	38,100	110.2	4,200,000
Marquette	29,000	23,000	98.0	2,253,000	48	30,900	24,400	97.1	2,370,000
Portage	48,700	41,400	113.8	4,710,000	28	56,700	48,100	113.6	5,466,000
Waupaca	59,600	42,000	108.5	4,559,000	30	66,100	47,200	103.8	4,900,000
Waushara	37,500	34,600	113.3	3,919,000	36	41,700	38,400	117.2	4,500,000
Wood	36,400	23,400	113.1	2,647,000	47	40,000	25,500	96.9	2,470,000
C. District	**319,000**	**258,000**	**110.3**	**28,460,000**		**357,000**	**289,000**	**107.7**	**31,111,000**
Brown	53,300	31,200	121.7	3,798,000	38	56,400	34,000	108.8	3,700,000
Calumet	37,500	22,500	125.2	2,818,000	46	39,600	24,500	114.3	2,800,000
Door	16,800	9,700	105.3	1,021,000	56	17,900	10,500	105.2	1,105,000
Fond du Lac	98,900	75,900	123.4	9,367,000	7	107,400	83,000	117.9	9,786,000
Kewaunee	30,500	17,300	113.0	1,955,000	51	32,000	18,600	109.4	2,035,000
Manitowoc	62,300	41,300	118.4	4,889,000	27	66,400	44,800	104.5	4,682,000
Outagamie	99,000	70,600	122.0	8,614,000	9	107,200	78,200	107.2	8,385 000
Sheboygan	60,200	42,100	118.3	4,981,000	25	66,800	47,000	100.0	4,698,000
Winnebago	56,500	45,400	114.8	5,214,000	23	61,300	49,400	101.4	5,010,000
E. C. District	**515,000**	**356,000**	**119.8**	**42,657,000**		**555,000**	**390,000**	**108.2**	**42,201,000**

CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

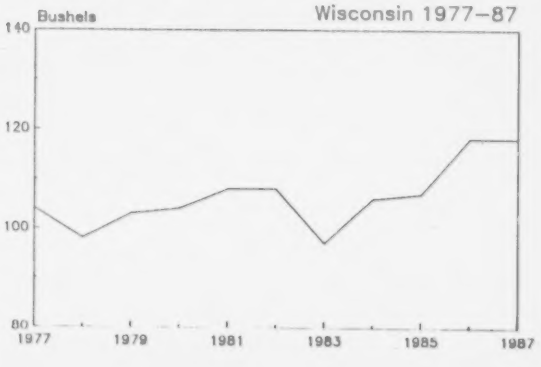
County	1987					1986			
	All corn planted	Grain harvested	Yield per acre	Production		All corn planted	Grain harvested	Yield per acre	Production
				Quantity	Rank				
	Acres		Bushels			Acres		Bushels	
Crawford	36,600	31,800	116.5	3,705,000	42	41,100	35,800	117.3	4,200,000
Grant	156,800	140,400	130.5	18,327,000	2	174,100	155,000	127.4	19,750,000
Iowa	80,000	66,400	121.4	8,061,000	13	86,500	72,200	109.7	7,922,000
Lafayette	113,400	99,400	128.3	12,751,000	5	126,000	110,000	129.5	14,250,000
Richland	41,900	32,300	117.4	3,793,000	39*	46,000	35,700	120.6	4,306,000
Sauk	92,800	75,200	108.8	8,179,000	12	101,600	83,000	115.3	9,570,000
Vernon	50,500	39,500	125.9	4,973,000	26	54,700	43,300	128.2	5,550,000
S. W. District	**572,000**	**485,000**	**123.3**	**59,789,000**		**630,000**	**535,000**	**122.5**	**65,548,000**
Columbia	124,200	109,900	116.7	12,821,000	4	139,700	124,000	127.2	15,777,000
Dane	203,900	180,600	119.2	21,527,000	1	225,600	200,100	131.8	26,370,000
Dodge	133,900	102,200	120.0	12,266,000	6	148,800	114,900	120.8	13,879,000
Green	87,800	72,500	116.6	8,450,000	10	96,900	80,000	124.3	9,940,000
Jefferson	77,500	62,600	112.6	7,049,000	16	85,800	70,000	119.9	8,390,000
Rock	146,700	134,200	114.3	15,334,000	3	163,200	149,000	135.8	20,238,000
S. C. District	**774,000**	**662,000**	**117.0**	**77,447,000**		**860,000**	**738,000**	**128.2**	**94,594,000**
Kenosha	36,400	31,400	122.3	3,839,000	37	41,100	35,200	127.3	4,480,000
Milwaukee	1,600	1,500	96.0	144,000	63	1,600	1,500	106.7	160,000
Ozaukee	19,700	16,600	112.5	1,868,000	52	21,700	18,500	109.7	2,030,000
Racine	39,700	33,700	123.8	4,172,000	34	45,100	38,300	131.8	5,048,000
Walworth	91,600	82,200	107.2	8,815,000	8	102,700	92,500	131.1	12,130,000
Washington	35,000	25,300	118.9	3,008,000	45	37,200	27,500	115.6	3,180,000
Waukesha	48,000	42,300	120.3	5,089,000	24	52,600	46,500	123.7	5,750,000
S. E. District	**272,000**	**233,000**	**115.6**	**26,935,000**		**302,000**	**260,000**	**126.1**	**32,778,000**
State	**3,550,000**	**2,800,000**	**118.0**	**330,400,000**		**3,900,000**	**3,100,000**	**118.0**	**365,800,000**

*Tied.

CORN: All Corn Acreage Planted, and Acreage, Yield and Production of Corn for Grain Wisconsin, 1980-87

Year	All corn acres planted	Corn for grain		
		Acres harvested	Yield per acre	Production
	1,000		Bushels	1,000 bushel
1987	**3,550**	**2,800**	**118.0**	**330,400**
1986	3,900	3,100	118.0	365,800
1985	4,300	3,350	107.0	358,450
1984	4,150	3,250	106.0	344,500
1983	3,190	2,300	97.0	223,100
1982	4,400	3,350	108.0	361,800
1981	4,520	3,500	108.0	378,000
1980	4,200	3,350	104.0	348,400

CORN FOR GRAIN: Yield per Acre



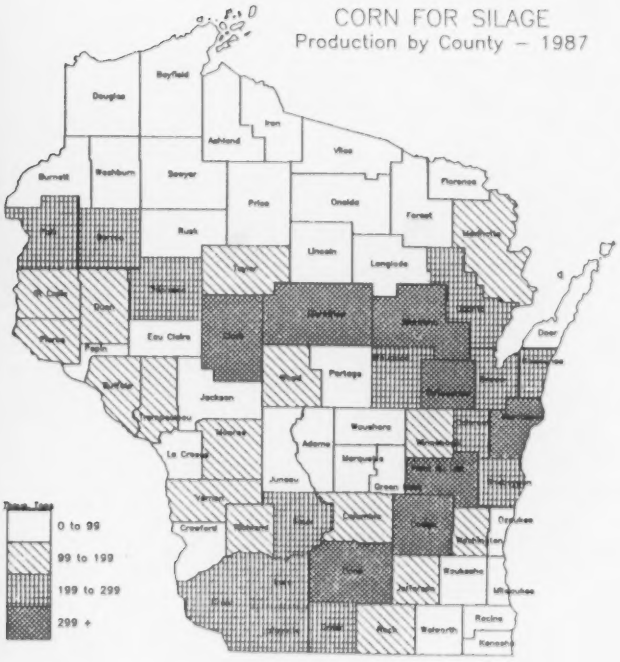
CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	All corn planted	Silage harvested	Yield per acre	Production		All corn planted	Silage harvested	Yield per acre	Production
				Quantity	Rank				
	Acres		Tons			Acres		Tons	
Barron	63,400	16,000	14.3	229,500	12	67,300	15,000	12.8	192,000
Bayfield	1,300	900	12.1	10,900	64	1,400	900	10.0	9,000
Burnett	13,600	2,700	10.5	28,300	60	14,400	2,600	13.1	34,000
Chippewa	69,400	18,400	12.1	221,900	15	75,400	17,600	13.0	229,000
Douglas	300	200	11.5	2,300	68	300	200	10.0	2,000
Polk	57,700	15,800	12.6	199,800	21*	61,500	14,100	13.1	185,000
Rusk	14,700	6,000	12.1	72,700	46	15,400	5,800	11.9	69,000
Sawyer	4,200	1,300	13.2	17,200	62	4,300	1,200	10.0	12,000
Washburn	9,400	2,700	10.5	28,400	59	10,000	2,600	10.0	26,000
N. W. District	**234,000**	**64,000**	**12.7**	**811,000**		**250,000**	**60,000**	**12.6**	**758,000**
Ashland	1,900	1,100	12.3	13,500	63	2,000	1,100	10.9	12,000
Clark	78,300	31,000	13.7	425,400	3	86,700	33,300	12.3	410,000
Iron	650	400	9.8	3,900	66	700	400	8.0	3,200
Lincoln	6,000	3,300	14.5	47,800	54	6,400	3,500	12.9	45,000
Marathon	81,000	35,200	15.1	531,400	1	89,050	38,100	12.6	480,000
Oneida	100	100	9.0	900	69*	100	100	8.0	800
Price	4,800	2,800	11.5	32,300	56	4,850	2,900	11.4	33,000
Taylor	20,200	9,100	11.6	105,800	37	22,200	9,600	11.1	107,000
Vilas	50	—	—	—	—	—	—	—	—
N. C. District	**193,000**	**83,000**	**14.0**	**1,161,000**		**212,000**	**89,000**	**12.3**	**1,091,000**
Florence	1,100	700	9.0	6,300	65	1,000	600	5.0	3,000
Forest	600	300	11.7	3,500	67	700	300	8.0	2,400
Langlade	9,400	4,600	14.5	66,600	52	9,600	4,800	14.0	67,000
Marinette	25,000	8,700	11.8	102,400	38	26,300	8,500	11.4	96,600
Oconto	56,500	16,300	12.7	206,300	19	60,300	16,300	13.1	213,000
Shawano	64,400	25,400	12.2	309,900	8	68,100	25,500	12.9	330,000
N. E. District	**157,000**	**56,000**	**12.4**	**695,000**		**166,000**	**56,000**	**12.7**	**712,000**
Buffalo	47,300	7,400	18.4	136,200	34	51,500	7,800	17.4	136,000
Dunn	77,500	10,100	15.7	158,200	30	84,400	10,800	14.6	158,000
Eau Claire	35,200	5,600	12.9	72,300	47	38,800	6,000	12.5	75,000
Jackson	36,200	5,600	16.4	91,800	41	39,500	6,000	15.2	91,000
La Crosse	33,500	4,400	19.4	85,300	43	36,900	4,700	17.7	83,000
Monroe	46,200	10,000	15.5	154,900	32	50,500	10,900	15.9	173,000
Pepin	22,100	3,700	12.4	45,800	55	24,300	4,100	17.8	73,000
Pierce	73,000	10,300	17.3	178,000	26	82,600	11,000	16.8	185,000
St. Croix	78,300	13,400	13.9	185,800	25	87,700	14,400	14.3	206,000
Trempealeau	64,700	11,500	14.9	171,700	27	71,800	12,300	15.0	184,000
W. C. District	**514,000**	**82,000**	**15.6**	**1,280,000**		**568,000**	**88,000**	**15.5**	**1,364,000**
Adams	23,900	2,200	12.6	27,800	61	28,100	2,400	11.7	28,000
Green Lake	44,100	6,200	13.5	83,400	44	49,500	6,800	15.3	104,000
Juneau	39,800	5,000	13.4	67,200	51	44,000	5,300	14.3	76,000
Marquette	29,000	5,800	12.4	72,200	48*	30,900	6,100	10.2	62,000
Portage	48,700	7,100	13.8	98,200	40	56,700	7,800	12.9	101,000
Waupaca	59,600	17,300	12.9	223,100	14	66,100	18,100	12.5	227,000
Waushara	37,500	2,600	11.9	31,000	58	41,700	2,600	11.5	30,000
Wood	36,400	12,800	13.1	167,100	28	40,000	13,900	12.5	174,000
C. District	**319,000**	**59,000**	**13.1**	**770,000**		**357,000**	**63,000**	**12.7**	**802,000**
Brown	53,300	21,600	13.2	284,500	9	56,400	21,900	12.1	264,000
Calumet	37,500	14,800	15.3	226,100	13	39,600	14,600	13.7	200,000
Door	16,800	6,800	13.1	89,100	42	17,900	7,100	11.7	83,000
Fond du Lac	98,900	22,500	14.3	322,800	6	107,400	23,600	14.0	330,000
Kewaunee	30,500	13,100	16.0	209,400	18	32,000	13,000	14.0	182,000
Manitowoc	62,300	20,700	15.1	312,700	7	66,400	21,000	13.9	292,000
Outagamie	99,000	27,900	16.1	449,000	2	107,200	28,300	14.8	419,000
Sheboygan	60,200	17,900	13.7	244,900	11	66,800	19,100	12.6	240,000
Winnebago	56,500	10,700	12.8	136,500	33	61,300	11,400	12.7	145,000
E. C. District	**515,000**	**156,000**	**14.6**	**2,275,000**		**555,000**	**160,000**	**13.5**	**2,155,000**

CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

County	1987					1986			
	All corn planted	Silage harvested	Yield per acre	Production		All corn planted	Silage harvested	Yield per acre	Production
				Quantity	Rank				
	Acres		Tons			Acres		Tons	
Crawford	36,600	4,500	16.0	72,200	48*	41,100	5,000	15.2	76,000
Grant	156,800	15,800	16.6	261,900	10	174,100	17,700	16.8	297,000
Iowa	80,000	13,200	15.4	202,800	20	86,500	13,600	14.8	201,000
Lafayette	113,400	13,500	14.8	199,800	21*	126,000	14,900	14.5	216,000
Richland	41,900	9,300	14.6	136,000	35	46,000	10,000	16.2	162,000
Sauk	92,800	17,100	12.5	214,300	17	101,600	17,900	14.5	260,000
Vernon	50,500	10,600	15.2	161,000	29	54,700	10,900	15.6	170,000
S. W. District	**572,000**	**84,000**	**14.9**	**1,248,000**		**630,000**	**90,000**	**15.4**	**1,382,000**
Columbia	124,200	13,700	13.6	186,100	24	139,700	14,400	13.9	200,000
Dane	203,900	22,400	15.0	336,600	5	225,600	23,500	17.1	401,000
Dodge	133,900	31,100	13.5	419,500	4	148,800	32,400	15.1	489,000
Green	87,800	14,800	14.5	215,000	16	96,900	15,900	16.3	259,000
Jefferson	77,500	14,300	13.6	194,500	23	85,800	15,000	15.6	234,000
Rock	146,700	11,700	13.4	157,300	31	163,200	12,800	16.6	212,000
S. C. District	**774,000**	**108,000**	**14.0**	**1,509,000**		**860,000**	**114,000**	**15.7**	**1,795,000**
Kenosha	36,400	4,900	12.1	59,500	53	41,100	5,500	16.4	90,000
Milwaukee	1,600	100	9.0	900	69*	1,600	100	10.0	1,000
Ozaukee	19,700	3,000	10.7	32,200	57	21,700	3,000	14.7	44,000
Racine	39,700	5,900	14.0	82,800	45	45,100	6,500	14.5	94,000
Walworth	91,600	9,100	10.8	98,600	39	102,700	9,500	15.7	149,000
Washington	35,000	9,500	13.6	129,200	36	37,200	9,600	13.3	128,000
Waukesha	48,000	5,500	12.3	67,800	50	52,600	5,800	12.9	75,000
S. E. District	**272,000**	**38,000**	**12.4**	**471,000**		**302,000**	**40,000**	**14.5**	**581,000**
State	**3,550,000**	**730,000**	**14.0**	**10,220,000**		**3,900,000**	**760,000**	**14.0**	**10,640,000**

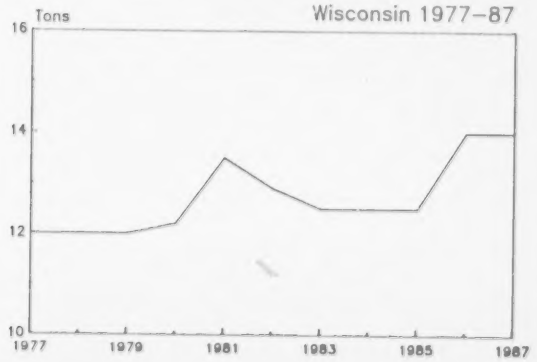
*Tied.



CORN FOR SILAGE: Acreage, Yield and Production Wisconsin, 1980-87

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1987	**730**	**14.0**	**10,220**
1986	760	14.0	10,640
1985	900	12.5	11,250
1984	830	12.5	10,375
1983	830	12.5	10,375
1982	980	12.9	12,642
1981	944	13.5	12,744
1980	775	12.2	9,455

CORN FOR SILAGE: Yield per Acre



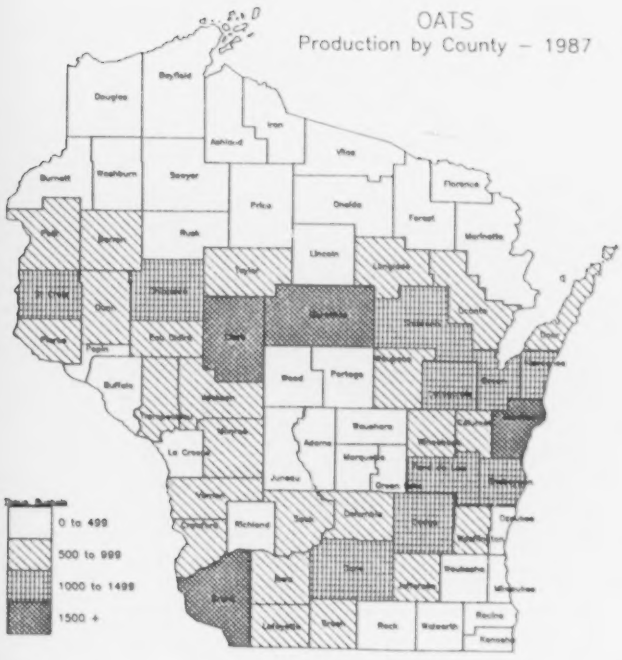
OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	27,200	16,700	51.3	856,000	19	33,000	21,300	55.5	1,183,000
Bayfield	3,500	2,300	42.3	97,400	59	4,300	2,600	46.2	120,000
Burnett	4,900	2,200	39.6	87,200	60	5,300	3,300	50.0	165,000
Chippewa	34,500	21,400	49.3	1,055,000	13	36,600	26,000	53.5	1,392,000
Douglas	1,400	900	38.9	35,000	67	1,700	1,100	47.3	52,000
Polk	22,900	13,800	44.9	619,000	31	23,400	16,600	51.2	850,000
Rusk	10,000	6,000	48.7	292,000	50	11,800	7,700	52.2	402,000
Sawyer	2,300	1,400	54.6	76,400	62	3,200	2,000	54.0	108,000
Washburn	4,300	2,300	48.7	112,000	57	4,700	3,400	52.9	180,000
N. W. District	**111,000**	**67,000**	**48.2**	**3,230,000**		**124,000**	**84,000**	**53.0**	**4,452,000**
Ashland	2,400	1,500	51.1	76,600	61	2,200	1,700	41.8	71,000
Clark	43,600	28,100	55.3	1,555,000	4	45,500	31,300	55.6	1,740,000
Iron	800	600	59.0	35,400	66	500	400	42.5	17,000
Lincoln	9,100	6,600	50.0	330,000	43	9,300	7,100	57.3	407,000
Marathon	60,000	41,000	58.9	2,415,000	1	55,000	41,100	61.1	2,510,000
Oneida	900	500	50.0	25,000	70	1,200	900	50.0	45,000
Price	4,900	3,500	50.3	176,000	54	5,300	3,600	51.9	187,000
Taylor	19,500	12,600	53.8	678,000	27	20,700	13,700	57.1	782,000
Vilas	800	600	48.3	29,000	68	300	200	50.0	10,000
N. C. District	**142,000**	**95,000**	**56.0**	**5,320,000**		**140,000**	**100,000**	**57.7**	**5,769,000**
Florence	300	200	55.5	11,100	71	400	300	40.0	12,000
Forest	1,200	800	53.6	42,900	65	800	700	54.3	38,000
Langlade	17,700	11,500	57.2	658,000	28	19,000	14,100	66.2	934,000
Marinette	10,000	6,600	47.4	313,000	48	10,700	7,100	59.3	421,000
Oconto	18,100	11,800	50.6	597,000	33	15,200	11,800	59.6	703,000
Shawano	28,700	20,100	56.1	1,128,000	11	26,900	21,000	66.1	1,389,000
N. E. District	**76,000**	**51,000**	**53.9**	**2,750,000**		**73,000**	**55,000**	**63.6**	**3,497,000**
Buffalo	16,300	9,100	52.7	480,000	39	17,000	10,800	55.3	597,000
Dunn	30,800	19,600	48.5	950,000	15	26,400	18,700	52.4	980,000
Eau Claire	22,400	14,500	47.6	690,000	26	18,500	13,300	52.4	697,000
Jackson	15,900	10,600	52.2	553,000	36	14,500	10,600	55.8	592,000
La Crosse	10,800	5,700	56.3	321,000	46	10,000	6,100	61.3	374,000
Monroe	22,000	12,700	51.6	655,000	29	21,000	12,800	62.2	796,000
Pepin	10,100	6,500	49.5	322,000	45	9,000	6,400	54.1	346,000
Pierce	27,000	17,400	49.7	865,000	18	25,700	19,800	55.4	1,096,000
St. Croix	37,800	23,800	48.5	1,155,000	10	35,100	26,500	54.0	1,432,000
Trempealeau	23,900	14,100	50.3	709,000	25	22,800	15,000	52.7	790,000
W. C. District	**217,000**	**134,000**	**50.0**	**6,700,000**		**200,000**	**140,000**	**55.0**	**7,700,000**
Adams	4,000	1,500	40.0	60,000	64	3,400	2,400	50.8	122,000
Green Lake	12,600	6,200	52.4	325,000	44	11,000	8,000	63.4	507,000
Juneau	10,500	5,100	48.0	245,000	51	8,900	6,400	59.4	380,000
Marquette	7,500	3,300	40.9	135,000	55	6,700	4,700	50.4	237,000
Portage	17,000	6,700	44.2	296,000	49	13,100	9,500	56.0	532,000
Waupaca	22,700	11,100	48.6	540,000	37	19,200	13,900	60.2	837,000
Waushara	6,800	2,400	41.3	99,000	58	5,500	3,400	53.8	183,000
Wood	16,900	8,700	47.1	410,000	40	15,200	9,700	55.9	542,000
C. District	**98,000**	**45,000**	**46.9**	**2,110,000**		**83,000**	**58,000**	**57.6**	**3,340,000**
Brown	33,400	21,400	56.8	1,215,000	9	29,700	21,300	68.4	1,457,000
Calumet	21,200	13,700	58.0	795,000	22	19,300	13,900	70.0	973,000
Door	26,800	18,700	50.4	942,000	16	23,400	19,600	62.3	1,222,000
Fond du Lac	41,500	22,800	57.7	1,315,000	8	32,700	23,000	74.0	1,702,000
Kewaunee	34,100	22,500	61.8	1,390,000	7	29,200	23,500	76.2	1,790,000
Manitowoc	41,300	27,400	62.6	1,715,000	3	36,200	27,400	75.1	2,058,000
Outagamie	32,000	19,500	56.7	1,105,000	12	27,000	18,700	70.0	1,309,000
Sheboygan	33,300	22,300	63.9	1,425,000	6	28,500	20,900	75.9	1,587,000
Winnebago	19,400	11,700	51.1	598,000	32	19,000	12,700	61.9	786,000
E. C. District	**283,000**	**180,000**	**58.3**	**10,500,000**		**245,000**	**181,000**	**71.2**	**12,884,000**

OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

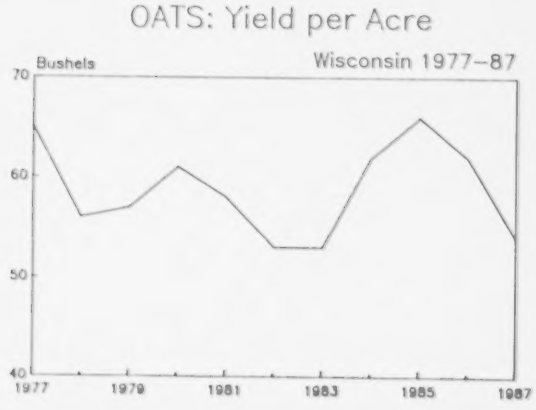
County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	15,800	10,200	57.7	589,000	34	14,000	10,000	65.9	659,000
Grant	50,700	34,000	61.5	2,090,000	2	43,000	33,500	67.1	2,247,000
Iowa	23,800	14,700	54.4	800,000	21	19,800	14,700	59.9	881,000
Lafayette	24,200	15,600	57.9	903,000	17	22,000	15,700	64.8	1,018,000
Richland	10,600	6,200	51.8	321,000	46*	9,700	6,000	55.7	334,000
Sauk	24,900	15,000	51.3	769,000	23	24,300	16,300	59.3	967,000
Vernon	21,000	11,300	55.6	628,000	30	20,200	11,800	60.6	715,000
S. W. District	**171,000**	**107,000**	**57.0**	**6,100,000**		**153,000**	**108,000**	**63.2**	**6,821,000**
Columbia	17,400	11,200	52.3	586,000	35	15,600	10,700	60.3	645,000
Dane	29,900	17,800	56.2	1,000,000	14	28,100	18,500	65.0	1,203,000
Dodge	39,500	25,100	57.0	1,430,000	5	36,500	25,800	70.4	1,816,000
Green	26,000	15,800	51.0	806,000	20	24,800	15,400	62.1	957,000
Jefferson	16,400	10,000	52.0	520,000	38	15,600	10,600	63.2	670,000
Rock	13,800	7,100	50.4	358,000	41	12,400	8,000	62.0	496,000
S. C. District	**143,000**	**87,000**	**54.0**	**4,700,000**		**133,000**	**89,000**	**65.0**	**5,787,000**
Kenosha	3,100	1,300	55.0	71,500	63	2,800	1,700	72.9	124,000
Milwaukee	800	600	47.5	28,500	69	500	400	65.0	26,000
Ozaukee	11,300	6,900	50.7	350,000	42	9,400	7,200	71.0	511,000
Racine	4,300	2,600	50.4	131,000	56	3,600	2,400	74.2	178,000
Walworth	9,200	4,400	52.3	230,000	52	7,700	4,700	69.1	325,000
Washington	22,100	13,500	55.6	750,000	24	17,600	13,200	69.7	920,000
Waukesha	8,200	4,700	48.7	229,000	53	7,400	5,400	67.8	366,000
S. E. District	**59,000**	**34,000**	**52.6**	**1,790,000**		**49,000**	**35,000**	**70.0**	**2,450,000**
State	**1,300,000**	**800,000**	**54.0**	**43,200,000**		**1,200,000**	**850,000**	**62.0**	**52,700,000**

*Tied.



OATS
Acreage, Yield, and Production, Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1987	**1,300**	**800**	**54.0**	**43,200**
1986	1,200	850	62.0	52,700
1985	950	780	66.0	51,480
1984	1,040	860	62.0	53,320
1983	1,140	850	53.0	45,050
1982	1,180	930	53.0	49,290
1981	1,120	907	58.0	52,606
1980	1,120	963	61.0	58,743



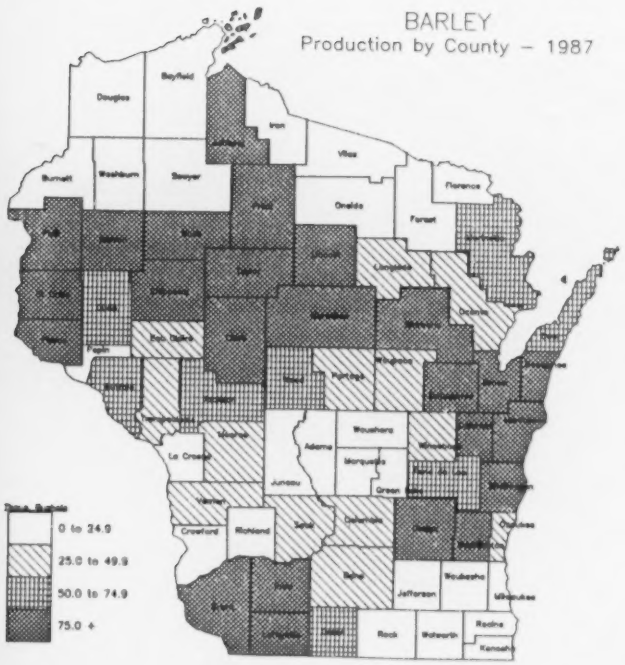
BARLEY: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	5,900	4,500	48.2	217,000	5	5,100	4,600	51.5	236,900
Bayfield	600	500	45.0	22,500	48	650	650	42.3	27,500
Burnett	300	200	42.5	8,500	63•	300	150	46.7	7,000
Chippewa	2,300	1,500	50.7	76,000	23	2,000	1,500	57.5	86,300
Douglas	100	100	44.0	4,400	69	100	100	46.0	4,600
Polk	2,600	2,000	46.8	93,500	15•	2,200	2,100	53.5	112,400
Rusk	3,000	2,100	49.5	104,000	13	3,000	2,400	54.0	129,700
Sawyer	200	200	42.5	8,500	63•	250	250	50.8	12,700
Washburn	500	400	39.0	15,600	52	300	250	51.6	12,900
N. W. District	**15,500**	**11,500**	**47.8**	**550,000**		**13,900**	**12,000**	**52.5**	**630,000**
Ashland	1,600	1,400	54.6	76,500	22	1,400	1,300	45.8	59,500
Clark	7,000	5,700	59.6	340,000	2	5,600	4,500	60.0	270,000
Iron	—	—	—	—	—	—	—	—	—
Lincoln	1,900	1,600	57.5	92,000	17•	1,600	1,300	51.7	67,200
Marathon	8,100	7,100	57.2	406,000	1	6,500	5,700	57.5	327,800
Oneida	300	200	52.5	10,500	59	••	••	••	••
Price	1,600	1,400	55.0	77,000	21	1,300	1,200	49.9	59,900
Taylor	3,500	3,100	54.2	168,000	7	2,800	2,300	54.7	125,800
Vilas	—	—	—	—	—	••	••	••	••
N. C. District	**24,000**	**20,500**	**57.1**	**1,170,000**		**19,500**	**16,500**	**55.8**	**920,000**
Florence	250	200	58.0	11,600	54	150	150	43.3	6,500
Forest	250	200	59.5	11,900	53	250	250	52.0	13,000
Langlade	900	700	63.7	44,600	36	900	800	61.0	48,800
Marinette	1,300	1,100	59.5	65,500	28	1,600	1,300	54.2	70,400
Oconto	800	600	62.3	37,400	41	800	600	60.0	36,000
Shawano	2,500	2,200	63.2	139,000	8	2,300	2,200	59.2	130,300
N. E. District	**6,000**	**5,000**	**62.0**	**310,000**		**6,000**	**5,300**	**57.5**	**305,000**
Buffalo	1,700	1,200	49.2	59,000	29	1,350	1,300	51.5	67,000
Dunn	1,600	1,500	47.3	71,000	26	1,600	1,500	52.0	78,000
Eau Claire	1,100	900	44.1	39,700	40	900	800	50.3	40,200
Jackson	1,500	1,300	50.8	66,000	27	1,550	1,500	52.1	78,200
La Crosse	300	200	48.0	9,600	61	150	100	57.0	5,700
Monroe	1,000	900	51.1	46,000	35	1,100	1,000	55.7	55,700
Pepin	300	200	48.5	9,700	60	350	300	50.3	15,100
Pierce	3,300	2,700	48.1	130,000	9	3,250	3,000	55.7	167,200
St. Croix	2,200	2,000	46.0	92,000	17•	2,350	2,100	52.6	110,500
Trempealeau	1,100	900	52.2	47,000	34	1,300	1,100	56.7	62,400
W. C. District	**14,100**	**11,800**	**48.3**	**570,000**		**13,900**	**12,700**	**53.5**	**680,000**
Adams	100	100	58.0	5,800	65•	150	100	53.0	5,300
Green Lake	300	250	64.0	16,000	50	300	300	59.0	17,700
Juneau	400	400	60.0	24,000	46	350	350	54.6	19,100
Marquette	200	200	57.5	11,500	55	250	250	55.6	13,900
Portage	800	650	53.1	34,500	42	600	600	53.0	31,800
Waupaca	700	500	62.0	31,000	43	650	600	52.5	31,500
Waushara	100	100	58.0	5,800	65•	100	100	50.0	5,000
Wood	1,500	1,000	53.4	53,400	31	1,300	1,200	54.8	65,700
C. District	**4,100**	**3,200**	**56.9**	**182,000**		**3,700**	**3,500**	**54.3**	**190,000**
Brown	1,800	1,500	54.0	81,000	20	1,600	1,500	58.7	88,000
Calumet	1,800	1,500	50.0	75,000	24	1,600	1,200	61.0	73,200
Door	1,200	1,100	49.5	54,500	30	850	800	53.6	42,900
Fond du Lac	1,400	1,000	50.0	50,000	32	1,300	1,200	58.8	70,500
Kewaunee	4,200	3,500	63.7	223,000	4	3,100	3,000	63.4	190,300
Manitowoc	5,200	4,400	57.7	254,000	3	4,600	4,500	65.6	295,200
Outagamie	3,000	2,200	56.4	124,000	10	2,300	2,100	57.5	120,800
Sheboygan	2,500	1,900	63.7	121,000	11	2,100	2,000	65.5	130,900
Winnebago	1,400	900	47.2	42,500	38	750	700	54.6	38,200
E. C. District	**22,500**	**18,000**	**56.9**	**1,025,000**		**18,200**	**17,000**	**61.8**	**1,050,000**

BARLEY: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	100	100	50.0	5,000	68	200	200	55.0	11,000
Grant	3,800	3,200	52.8	169,000	6	3,050	2,900	60.5	175,400
Iowa	2,700	2,000	46.8	93,500	15*	2,400	1,900	56.7	107,700
Lafayette	3,100	2,200	51.4	113,000	12	2,100	2,000	59.7	119,400
Richland	300	200	45.5	9,100	62	270	250	51.2	12,800
Sauk	1,400	1,100	45.4	49,900	33	1,030	900	54.9	49,400
Vernon	1,100	900	46.1	41,500	39	950	850	58.0	49,300
S. W. District	**12,500**	**9,700**	**49.6**	**481,000**		**10,000**	**9,000**	**58.3**	**525,000**
Columbia	1,000	500	58.0	29,000	44	480	400	56.5	22,600
Dane	700	500	57.0	28,500	45	740	700	61.9	43,300
Dodge	2,400	1,600	56.9	91,000	19	1,880	1,800	54.4	98,000
Green	1,500	1,300	55.4	72,000	25	1,090	1,000	56.0	56,000
Jefferson	600	400	58.8	23,500	47	580	500	57.2	28,600
Rock	300	200	55.0	11,000	58	230	200	57.5	11,500
S. C. District	**6,500**	**4,500**	**56.7**	**255,000**		**5,000**	**4,600**	**56.5**	**260,000**
Kenosha	500	400	55.0	22,000	49	500	500	66.0	33,000
Milwaukee	100	100	54.0	5,400	67	200	100	64.0	6,400
Ozaukee	1,000	800	55.0	44,000	37	1,000	900	67.2	60,500
Racine	200	200	57.0	11,400	56	300	300	67.3	20,200
Walworth	200	200	56.0	11,200	57	250	250	65.6	16,400
Washington	2,400	1,800	55.1	99,100	14	2,250	2,150	63.3	136,000
Waukesha	400	300	53.0	15,900	51	300	200	62.5	12,500
S. E. District	**4,800**	**3,800**	**55.0**	**209,000**		**4,800**	**4,400**	**64.8**	**285,000**
State	**110,000**	**88,000**	**54.0**	**4,752,000**		**95,000**	**85,000**	**57.0**	**4,845,000**

*Tied. **Less than 50 acres but estimate is included in district total.



BARLEY: Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1987	**110**	**88**	**54.0**	**4,752**
1986	95	85	57.0	4,845
1985	57	53	58.0	3,074
1984	55	50	53.0	2,650
1983	53	48	48.0	2,304
1982	51	48	56.0	2,688
1981	40	38	50.0	1,900
1980	27	26	59.0	1,534

RYE: Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1987	**25**	**5**	**20.0**	**100**
1986	20	6	28.0	168
1985	30	9	26.0	234
1984	30	8	27.0	216
1983	25	10	30.0	300
1982	40	10	30.0	300
1981	44	17	24.0	408
1980	40	16	23.0	368

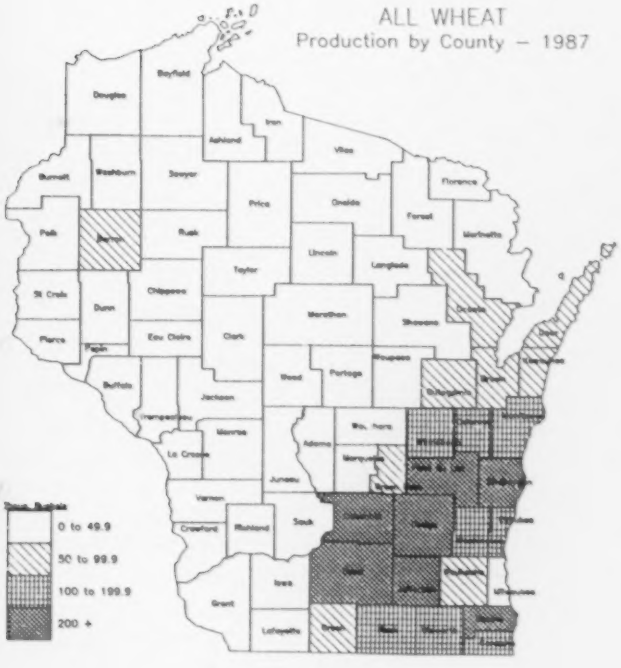
ALL WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	2,250	1,900	33.6	63,900	21	3,150	2,950	40.3	119,000
Bayfield	400	350	27.1	9,500	43	500	450	36.9	16,600
Burnett	150	100	23.0	2,300	58	100	50	29.0	1,450
Chippewa	200	150	25.3	3,800	52	50	50	45.0	2,250
Douglas	-	-	-	-	-	50	50	42.0	2,100
Polk	1,050	850	30.9	26,300	29	1,200	1,100	40.3	44,300
Rusk	50	50	24.0	1,200	61	100	100	34.0	3,400
Sawyer	-	-	-	-	-	50	50	40.0	2,000
Washburn	100	100	20.0	2,000	59 *	100	100	34.0	3,400
N. W. District	**4,200**	**3,500**	**31.1**	**109,000**		**5,300**	**4,900**	**39.7**	**194,500**
Ashland	50	50	40.0	2,000	59 *	50	50	38.0	1,900
Clark	650	550	28.0	15,400	35	500	450	42.2	19,000
Iron	-	-	-	-	-	-	-	-	-
Lincoln	150	100	33.0	3,300	54 *	100	100	35.0	3,500
Marathon	1,150	1,050	39.0	40,900	25	850	700	40.9	28,600
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	100	100	31.0	3,100	57	150	150	34.0	5,100
Vilas	100	100	33.0	3,300	54 *	150	150	36.0	5,400
N. C. District	**2,200**	**1,950**	**34.9**	**68,000**		**1,800**	**1,600**	**39.7**	**63,500**
Florence	-	-	-	-	-	-	-	-	-
Forest	100	100	33.0	3,300	54 *	100	100	40.0	4,000
Langlade	500	400	30.8	12,300	37	850	700	44.0	30,800
Marinette	1,000	800	40.6	32,500	27	900	850	56.4	47,900
Oconto	1,750	1,500	35.1	52,700	24	1,950	1,700	47.4	80,500
Shawano	550	500	34.4	17,200	33	700	650	55.8	36,300
N. E. District	**3,900**	**3,300**	**35.8**	**118,000**		**4,500**	**4,000**	**49.9**	**199,500**
Buffalo	300	250	24.8	6,200	45	500	450	42.2	19,000
Dunn	350	300	27.7	8,300	44	500	450	40.2	18,100
Eau Claire	-	-	-	-	-	200	200	36.0	7,200
Jackson	-	-	-	-	-	350	300	39.7	11,900
La Crosse	-	-	-	-	-	100	100	39.0	3,900
Monroe	-	-	-	-	-	200	200	39.5	7,900
Pepin	150	150	27.3	4,100	51	300	250	40.4	10,100
Pierce	1,200	1,000	27.2	27,200	28	1,650	1,550	46.6	72,300
St. Croix	1,750	1,400	26.6	37,200	26	2,200	2,050	42.0	86,200
Trempealeau	450	400	29.0	11,600	39	700	650	41.4	26,900
W. C. District 1/	**5,600**	**4,700**	**29.1**	**137,000**		**6,700**	**6,200**	**42.5**	**263,500**
Adams	300	300	33.0	9,900	42	250	250	45.2	11,300
Green Lake	1,850	1,600	51.4	82,200	19	3,300	3,100	57.6	178,500
Juneau	350	300	34.0	10,200	41	550	500	47.4	23,700
Marquette	150	100	43.0	4,300	49	300	300	60.0	18,000
Portage	150	150	39.3	5,900	46	500	400	50.3	20,100
Waupaca	800	500	39.0	19,500	32	500	450	53.1	23,900
Waushara	550	250	45.6	11,400	40	450	350	53.7	18,800
Wood	150	100	36.0	3,600	53	250	250	50.8	12,700
C. District	**4,300**	**3,300**	**44.5**	**147,000**		**6,100**	**5,600**	**54.8**	**307,000**
Brown	2,000	1,800	46.9	84,400	18	3,150	2,750	54.1	148,800
Calumet	3,000	2,400	58.9	141,400	14	4,600	4,300	58.2	250,200
Door	2,000	1,800	40.8	73,400	20	2,900	2,700	55.7	150,500
Fond du Lac	6,250	4,650	54.6	253,700	3	9,250	8,800	60.6	533,000
Kewaunee	1,450	1,200	48.7	58,400	22	2,150	2,000	60.4	120,800
Manitowoc	4,100	3,300	50.9	168,000	11	6,600	6,100	57.4	350,000
Outagamie	2,900	2,100	47.1	99,000	16	3,800	3,500	54.9	192,100
Sheboygan	5,700	4,650	50.0	232,600	5	8,600	8,100	58.3	472,300
Winnebago	6,100	4,000	43.5	174,100	9	8,050	7,550	57.0	430,300
E. C. District	**33,500**	**25,900**	**49.6**	**1,285,000**		**49,100**	**45,800**	**57.8**	**2,648,000**

ALL WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

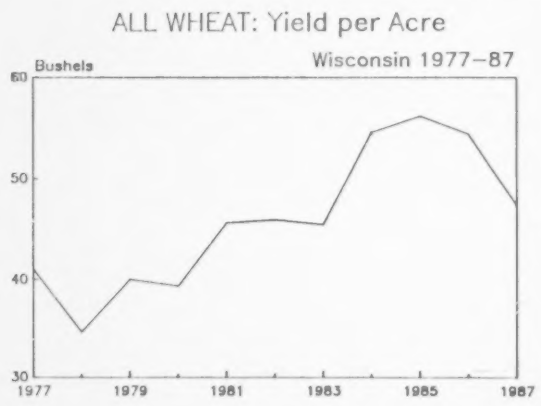
County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	100	100	49.0	4,900	47	150	150	47.7	7,150
Grant	350	250	47.6	11,900	38	350	350	60.7	21,250
Iowa	600	300	48.7	14,600	36	500	500	54.0	27,000
Lafayette	600	450	44.2	19,900	31	1,130	850	52.2	44,400
Richland	150	100	42.0	4,200	50	300	250	60.8	15,200
Sauk	550	450	44.7	20,100	30	700	650	41.1	26,700
Vernon	150	100	44.0	4,400	48	170	150	48.7	7,300
S. W. District	**2,500**	**1,750**	**45.7**	**80,000**		**3,300**	**2,900**	**51.4**	**149,000**
Columbia	5,650	4,550	50.1	227,800	6	8,150	7,600	52.2	396,800
Dane	6,000	4,900	57.9	283,500	2	9,200	8,600	60.2	517,800
Dodge	7,950	5,550	55.6	308,600	1	11,200	10,450	58.9	615,800
Green	1,000	800	69.9	55,900	23	1,550	1,400	48.9	68,400
Jefferson	6,200	4,650	48.7	226,400	7	9,350	8,650	52.4	453,500
Rock	6,000	3,850	46.2	177,800	8	7,650	7,200	51.3	369,700
S. C. District	**32,800**	**24,300**	**52.7**	**1,280,000**		**47,100**	**43,900**	**55.2**	**2,422,000**
Kenosha	4,050	3,050	51.5	157,100	12	6,000	5,450	55.4	301,800
Milwaukee	500	400	40.0	16,000	34	850	750	51.6	38,700
Ozaukee	3,500	2,700	45.1	121,800	15	4,350	3,800	52.8	200,800
Racine	6,000	4,750	49.9	237,000	4	8,350	7,800	54.7	427,000
Walworth	5,050	3,350	50.9	170,600	10	6,750	6,100	54.8	334,300
Washington	3,950	3,050	46.7	142,300	13	5,800	5,500	54.2	298,100
Waukesha	2,950	2,000	47.6	95,200	17	4,000	3,700	52.0	192,300
S. E. District	**26,000**	**19,300**	**48.7**	**940,000**		**36,100**	**33,100**	**54.2**	**1,793,000**
State	**115,000**	**88,000**	**47.3**	**4,164,000**		**160,000**	**148,000**	**54.3**	**8,040,000**

*Tied. 1/Includes data to prevent disclosure of individual operations at the county level for 1987.



SPRING WHEAT: Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1987	**30**	**28**	**33.0**	**924**
1986	20	18	35.0	630
1985	20	17	40.0	680
1984	20	17	40.0	680
1983	28	23	29.0	667
1982	30	28	32.0	896
1981	30	28	31.0	868
1980	25	23	31.0	713



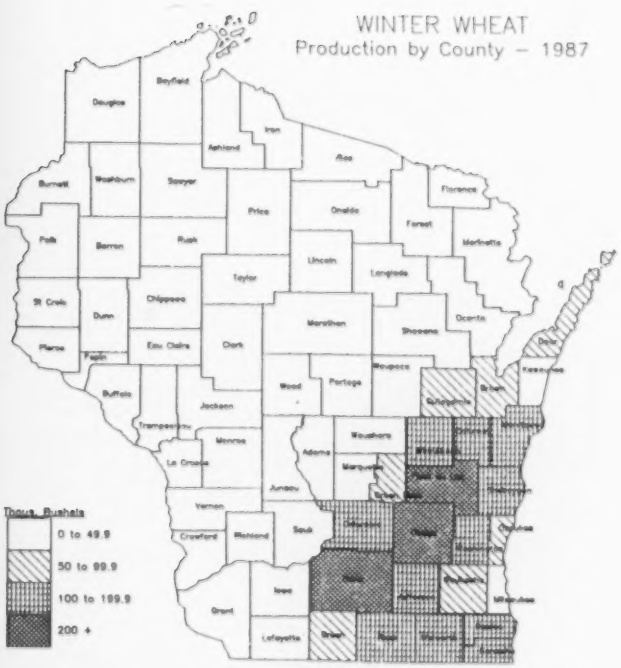
WINTER WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	1,300	1,000	41.4	41,400	23	2,350	2,200	44.3	97,500
Bayfield	200	150	36.7	5,500	39	400	350	40.3	14,100
Burnett	100	50	26.0	1,300	59	100	50	29.0	1,450
Chippewa	200	150	25.3	3,800	46	50	50	45.0	2,250
Douglas	-	-	-	-	-	50	50	42.0	2,100
Polk	600	450	33.3	15,000	28	900	850	42.9	36,500
Rusk	-	-	-	-	-	50	50	42.0	2,100
Sawyer	-	-	-	-	-	50	50	40.0	2,000
Washburn	-	-	-	-	-	50	50	40.0	2,000
N. W. District	**2,400**	**1,800**	**37.2**	**67,000**		**4,000**	**3,700**	**43.2**	**160,000**
Ashland	50	50	40.0	2,000	52 *	50	50	38.0	1,900
Clark	200	150	46.7	7,000	38	300	300	43.3	13,000
Iron	-	-	-	-	-	-	-	-	-
Lincoln	100	50	40.0	2,000	52 *	50	50	40.0	2,000
Marathon	350	300	53.3	16,000	27	600	500	41.2	20,600
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	50	50	40.0	2,000	52 *	100	100	37.0	3,700
Vilas	50	50	40.0	2,000	52 *	100	100	38.0	3,800
N. C. District	**800**	**650**	**47.7**	**31,000**		**1,200**	**1,100**	**40.9**	**45,000**
Florence	-	-	-	-	-	-	-	-	-
Forest	50	50	38.0	1,900	56 *	50	50	52.0	2,600
Langlade	150	100	39.0	3,900	45	450	450	52.7	23,700
Marinette	700	500	47.0	23,500	24	750	700	62.1	43,500
Oconto	700	500	44.4	22,200	25	1,200	1,100	58.6	64,500
Shawano	300	250	42.0	10,500	34	550	500	61.4	30,700
N. E. District	**1,900**	**1,400**	**44.3**	**62,000**		**3,000**	**2,800**	**58.9**	**165,000**
Buffalo	50	50	38.0	1,900	56 *	350	300	47.3	14,200
Dunn	150	100	43.0	4,300	42 *	350	300	44.7	13,400
Eau Claire	-	-	-	-	-	50	50	46.0	2,300
Jackson	-	-	-	-	-	150	150	46.7	7,000
La Crosse	-	-	-	-	-	50	50	46.0	2,300
Monroe	-	-	-	-	-	100	100	44.0	4,400
Pepin	50	50	38.0	1,900	56 *	200	150	45.3	6,800
Pierce	500	350	41.4	14,500	29	1,050	1,000	52.8	52,800
St. Croix	750	500	36.4	18,200	26	1,300	1,200	48.3	58,000
Trempealeau	150	100	36.0	3,600	47	400	400	47.0	18,800
W. C. District 1/	**2,600**	**1,900**	**40.5**	**77,000**		**4,000**	**3,700**	**48.6**	**180,000**
Adams	100	100	46.0	4,600	40	200	200	49.0	9,800
Green Lake	1,400	1,200	59.2	71,000	18	2,850	2,700	61.1	165,000
Juneau	100	100	44.0	4,400	41	400	350	53.4	18,700
Marquette	150	100	43.0	4,300	42 *	300	300	60.0	18,000
Portage	100	100	43.0	4,300	42 *	400	350	51.4	18,000
Waupaca	650	350	40.0	14,000	30	450	400	55.5	22,200
Waushara	500	200	51.0	10,200	35	300	300	57.7	17,300
Wood	100	50	44.0	2,200	51	200	200	55.0	11,000
C. District	**3,100**	**2,200**	**52.3**	**115,000**		**5,100**	**4,800**	**58.3**	**280,000**
Brown	1,200	1,000	51.6	51,600	21	2,900	2,500	56.0	140,000
Calumet	2,400	1,800	66.7	120,000	14	4,200	3,900	60.3	235,000
Door	1,300	1,100	48.2	53,000	19 *	2,300	2,200	59.1	130,000
Fond du Lac	5,300	3,800	58.4	222,000	3	8,600	8,200	62.2	510,000
Kewaunee	1,000	800	53.8	43,000	22	1,900	1,800	63.3	114,000
Manitowoc	3,100	2,300	54.3	125,000	13	5,600	5,300	60.4	320,000
Outagamie	2,300	1,500	52.9	79,400	17	3,500	3,200	56.6	181,000
Sheboygan	4,200	3,300	55.8	184,000	5	7,650	7,200	61.1	440,000
Winnebago	4,900	2,900	49.0	142,000	10	7,150	6,700	59.7	400,000
E. C. District	**25,700**	**18,500**	**55.1**	**1,020,000**		**43,800**	**41,000**	**60.2**	**2,470,000**

WINTER WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

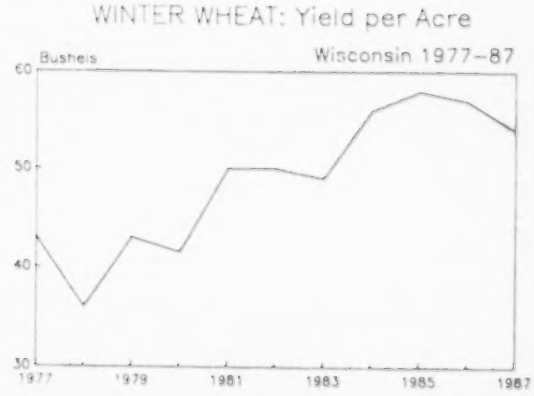
County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	50	50	64.0	3,200	48	100	100	57.0	5,700
Grant	250	150	56.7	8,500	36	300	300	66.0	19,800
Iowa	450	150	56.0	8,400	37	350	350	59.7	20,900
Lafayette	300	200	55.0	11,000	33	680	600	61.0	36,600
Richland	100	50	52.0	2,600	49*	250	200	67.0	13,400
Sauk	250	200	58.5	11,700	32	500	450	50.9	22,900
Vernon	100	50	52.0	2,600	49*	120	100	57.0	5,700
S. W. District	**1,500**	**850**	**56.5**	**48,^00**		**2,300**	**2,100**	**59.5**	**125,000**
Columbia	4,200	3,200	56.3	180,000	6	7,300	6,800	54.4	370,000
Dane	4,600	3,600	63.1	227,000	2	8,400	7,800	62.8	490,000
Dodge	6,600	4,300	60.5	260,000	1	10,400	9,700	60.8	590,000
Green	900	700	75.7	53,000	19*	1,400	1,300	50.0	65,000
Jefferson	5,100	3,600	52.8	190,000	4	8,700	8,000	53.8	430,000
Rock	4,900	2,800	51.8	145,000	8*	6,900	6,500	53.1	345,000
S. C. District	**26,300**	**18,200**	**58.0**	**1,055,000**		**43,100**	**40,100**	**57.1**	**2,290,000**
Kenosha	3,300	2,400	56.3	135,000	11	5,600	5,100	56.6	288,500
Milwaukee	400	300	41.7	12,500	31	800	700	52.1	36,500
Ozaukee	2,400	1,700	50.3	85,500	15	4,000	3,500	54.3	190,000
Racine	4,500	3,300	53.6	177,000	7	7,500	7,000	55.7	390,000
Walworth	4,200	2,600	55.8	145,000	8*	6,300	5,700	56.1	320,000
Washington	3,400	2,600	49.2	128,000	12	5,600	5,300	54.7	290,000
Waukesha	2,500	1,600	51.3	82,000	16	3,700	3,400	52.9	180,000
S. E. District	**20,700**	**14,500**	**52.8**	**765,000**		**33,500**	**30,700**	**55.2**	**1,695,000**
State	**85,000**	**60,000**	**54.0**	**3,240,000**		**140,000**	**130,000**	**57.0**	**7,410,000**

*Tied. 1/Includes data to prevent disclosure of individual operations at the county level for 1987.



WINTER WHEAT: Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1987	**85**	**60**	**54.0**	**3,240**
1986	140	130	57.0	7,410
1985	150	140	58.0	8,120
1984	170	160	56.0	8,960
1983	120	105	49.0	5,145
1982	100	94	50.0	4,700
1981	100	93	50.0	4,650
1980	94	88	41.5	3,652



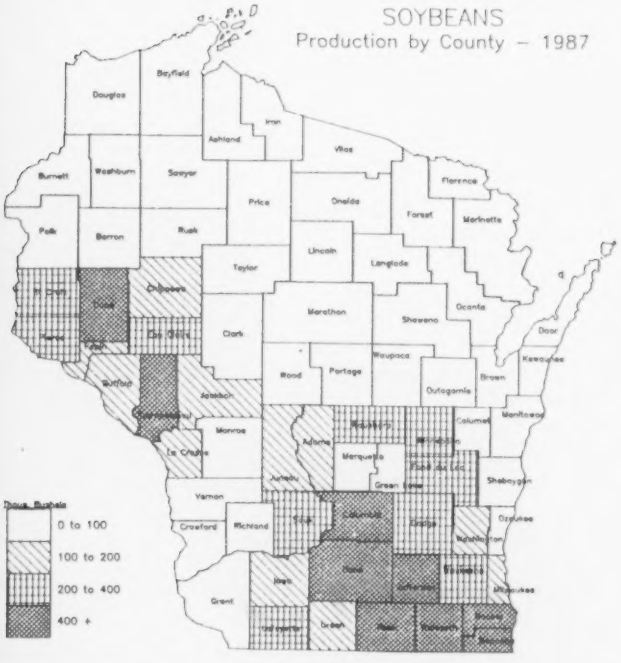
SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Barron	1,100	1,100	31.4	34,500	46	1,300	1,200	31.7	38,000
Bayfield	-	-	-	-	-	-	-	-	-
Burnett	1,500	1,450	31.4	45,500	42	1,600	1,500	32.0	48,000
Chippewa	5,200	5,050	32.7	165,000	25	5,400	5,200	33.7	175,000
Douglas	-	-	-	-	-	-	-	-	-
Polk	2,800	2,700	31.1	84,000	35	3,000	2,900	31.6	91,500
Rusk	50	50	30.0	1,500	60	100	100	33.0	3,300
Sawyer	-	-	-	-	-	-	-	-	-
Washburn	150	150	30.0	4,500	57	100	100	32.0	3,200
N. W. District	**10,800**	**10,500**	**31.9**	**335,000**		**11,500**	**11,000**	**32.6**	**359,000**
Ashland	-	-	-	-	-	-	-	-	-
Clark	300	300	36.7	11,000	55	500	400	35.5	14,200
Iron	-	-	-	-	-	-	-	-	-
Lincoln	300	300	33.3	10,000	56	300	300	34.0	10,200
Marathon	650	600	38.3	23,000	49	300	300	35.3	10,600
Oneida	-	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-	-
Taylor	-	-	-	-	-	-	-	-	-
Vilas	-	-	-	-	-	-	-	-	-
N. C. District	**1,250**	**1,200**	**36.7**	**44,000**		**1,100**	**1,000**	**35.0**	**35,000**
Florence	-	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-	-
Langlade	500	500	37.0	18,500	51	600	600	30.8	18,500
Marinette	100	100	30.0	3,000	58 *	150	150	28.7	4,300
Oconto	100	100	30.0	3,000	58 *	150	150	33.3	5,000
Shawano	750	700	33.6	23,500	48	500	400	33.0	13,200
N. E. District	**1,450**	**1,400**	**34.3**	**48,000**		**1,400**	**1,300**	**31.5**	**41,000**
Buffalo	4,600	4,500	40.7	183,000	22	4,200	4,100	35.9	147,000
Dunn	12,100	11,700	36.8	431,000	8	12,000	11,500	33.0	380,000
Eau Claire	5,650	5,500	40.5	223,000	18	5,400	5,200	35.6	185,000
Jackson	4,000	3,900	37.4	146,000	27	3,600	3,500	34.3	120,000
La Crosse	4,400	4,300	39.8	171,000	24	4,300	4,200	35.0	147,000
Monroe	2,550	2,500	39.6	99,000	31 *	2,600	2,500	38.4	96,000
Pepin	5,000	4,900	36.9	181,000	23	5,200	5,000	34.4	172,000
Pierce	8,000	7,800	36.7	286,000	11	8,200	8,000	32.5	260,000
St. Croix	11,300	10,900	35.3	385,000	10	11,400	11,000	32.5	358,000
Trempealeau	11,400	11,000	39.1	430,000	9	11,100	10,700	36.9	395,000
W. C. District	**69,000**	**67,000**	**37.8**	**2,535,000**		**68,000**	**65,700**	**34.4**	**2,260,000**
Adams	4,750	4,500	34.2	154,000	26	4,900	4,700	29.8	140,000
Green Lake	2,700	2,600	38.1	99,000	31 *	2,500	2,400	32.9	79,000
Juneau	5,050	4,800	38.5	185,000	21	4,700	4,500	34.4	155,000
Marquette	1,650	1,600	41.3	66,000	38	1,600	1,600	32.5	52,000
Portage	1,450	1,400	32.9	46,000	41	1,800	1,800	32.8	59,000
Waupaca	2,600	2,500	31.6	79,000	36	2,800	2,700	30.0	81,000
Waushara	5,550	5,300	40.8	216,000	19	6,300	6,000	35.3	212,000
Wood	1,250	1,200	41.7	50,000	40	1,400	1,300	32.3	42,000
C. District	**25,000**	**23,900**	**37.4**	**895,000**		**26,000**	**25,000**	**32.8**	**820,000**
Brown	450	400	30.0	12,000	54	200	200	32.0	6,400
Calumet	2,250	2,200	34.5	76,000	37	2,400	2,300	32.6	75,000
Door	750	700	29.1	20,400	50	800	700	31.4	22,000
Fond du Lac	7,300	7,100	34.4	244,000	14	7,100	6,900	33.3	230,000
Kewaunee	450	400	32.8	13,100	53	400	400	31.3	12,500
Manitowoc	850	800	37.5	30,000	47	1,000	900	28.9	26,000
Outagamie	2,450	2,300	37.8	87,000	33 *	2,600	2,400	33.8	81,000
Sheboygan	1,400	1,200	36.3	43,500	44	1,500	1,400	33.6	47,100
Winnebago	8,100	7,900	32.5	257,000	12	8,000	7,800	32.1	250,000
E. C. District	**24,000**	**23,000**	**34.0**	**783,000**		**24,000**	**23,000**	**32.6**	**750,000**

SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

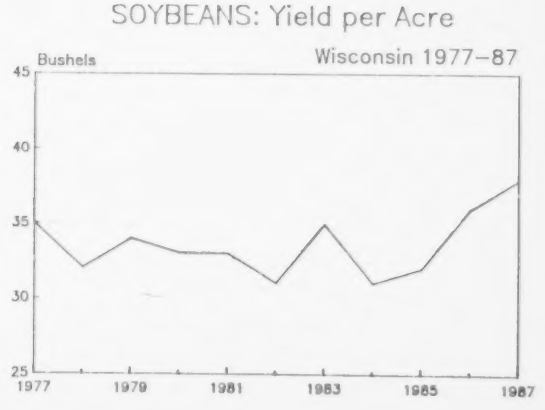
County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Bushels			Acres		Bushels	
Crawford	1,200	1,100	33.6	37,000	45	1,300	1,200	34.2	41,000
Grant	1,450	1,400	46.4	65,000	39	1,000	1,000	36.0	36,000
Iowa	2,800	2,700	40.7	110,000	28	2,100	2,000	33.5	67,000
Lafayette	5,100	5,000	46.0	230,000	17	4,100	4,000	37.8	151,000
Richland	1,050	1,000	45.0	45,000	43	2,700	2,600	37.3	97,000
Sauk	5,500	5,400	43.5	235,000	16	4,600	4,500	36.2	163,000
Vernon	400	400	45.0	18,000	52	700	700	35.7	25,000
S.W. District	**17,500**	**17,000**	**43.5**	**740,000**		**16,500**	**16,000**	**36.3**	**580,000**
Columbia	11,500	11,200	38.8	435,000	7	11,500	11,200	36.8	412,000
Dane	14,500	14,000	41.4	580,000	5	14,000	13,700	38.7	530,000
Dodge	7,000	6,700	36.1	242,000	15	6,700	6,500	34.6	225,000
Green	5,700	5,400	36.7	198,000	20	5,300	5,100	35.9	183,000
Jefferson	15,300	14,900	35.2	525,000	6	14,800	14,500	36.2	525,000
Rock	42,000	40,800	39.5	1,610,000	1	41,700	41,000	37.7	1,545,000
S. C. District	**96,000**	**93,000**	**38.6**	**3,590,000**		**94,000**	**92,000**	**37.2**	**3,420,000**
Kenosha	17,300	16,800	39.6	665,000	4	17,700	17,200	39.0	670,000
Milwaukee	3,450	3,300	31.8	105,000	29	3,800	3,700	36.5	135,000
Ozaukee	2,600	2,500	34.8	87,000	33	2,300	2,200	36.4	80,000
Racine	25,800	25,300	39.5	1,000,000	2	27,300	26,500	39.8	1,055,000
Walworth	25,500	25,000	39.2	980,000	3	26,200	25,500	38.2	975,000
Washington	2,700	2,600	40.4	105,000	29	2,100	2,000	37.5	75,000
Waukesha	7,650	7,500	33.1	248,000	13	8,100	7,900	33.5	265,000
S. E. District	**85,000**	**83,000**	**38.4**	**3,190,000**		**87,500**	**85,000**	**38.3**	**3,255,000**
State	**330,000**	**320,000**	**38.0**	**12,160,000**		**330,000**	**320,000**	**36.0**	**11,520,000**

*Tied.



SOYBEANS FOR BEANS
Acreage, Yield, and Production, Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Bushels	1,000 bushels
1987	**330**	**320**	**38.0**	**12,160**
1986	330	320	36.0	11,520
1985	350	300	32.0	9,600
1984	480	450	31.0	13,950
1983	400	395	35.0	13,825
1982	460	440	31.0	13,640
1981	380	375	33.0	12,375
1980	335	330	33.0	10,890



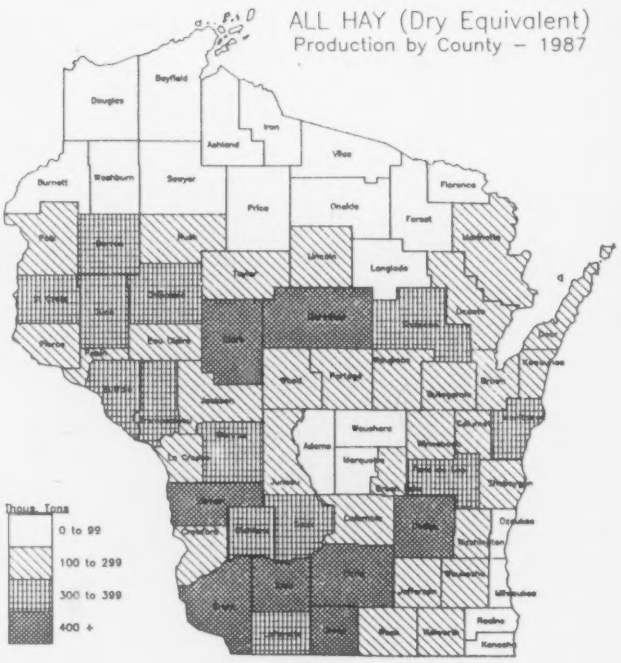
ALL HAY: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 1986-87 1/

County	1987				1986		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	85,800	4.1	355,500	12	91,900	4.9	452,300
Bayfield	23,700	2.5	58,600	59	24,900	3.5	87,200
Burnett	23,300	2.7	62,500	58	24,800	3.7	91,900
Chippewa	88,200	4.1	359,800	11	95,100	5.0	471,700
Douglas	21,600	2.0	43,900	64	22,800	2.8	64,200
Polk	70,600	3.5	249,400	27	75,900	4.9	370,200
Rusk	37,300	3.2	120,800	46	39,400	4.3	169,100
Sawyer	9,300	2.4	22,100	65	9,900	3.1	30,800
Washburn	18,700	2.5	47,300	62	20,300	3.2	65,500
N. W. District	**378,500**	**3.5**	**1,319,900**		**405,000**	**4.5**	**1,802,900**
Ashland	16,000	2.8	45,300	63	16,700	3.2	53,400
Clark	100,000	4.8	476,000	4	101,200	5.4	551,400
Iron	2,800	3.1	8,700	68	2,900	4.0	11,500
Lincoln	28,400	3.9	111,600	50	30,000	4.7	139,800
Marathon	129,300	4.7	603,000	2	136,300	4.8	660,600
Oneida	3,000	2.1	6,350	69	3,300	2.3	7,500
Price	25,200	3.6	91,900	52	25,300	4.6	117,600
Taylor	51,600	4.2	217,700	32	52,500	4.9	254,700
Vilas	700	2.4	1,650	71	800	2.5	2,000
N. C. District	**357,000**	**4.4**	**1,562,200**		**369,000**	**4.9**	**1,798,500**
Florence	3,300	3.4	11,200	67	3,400	3.2	10,800
Forest	6,300	2.1	13,400	66	6,500	2.0	13,300
Langlade	25,100	3.2	79,700	55	26,200	4.1	106,900
Marinette	32,600	4.0	131,100	44	34,100	5.1	172,500
Oconto	49,200	4.5	222,000	31	51,500	5.4	279,900
Shawano	73,500	4.8	355,200	13	77,300	5.9	457,100
N. E. District	**190,000**	**4.3**	**812,600**		**199,000**	**5.2**	**1,040,500**
Buffalo	65,400	4.7	304,700	21	74,100	5.1	376,800
Dunn	74,300	4.7	350,300	15	82,800	5.2	431,300
Eau Claire	46,700	3.9	181,400	37	52,800	4.3	227,700
Jackson	47,800	4.2	203,000	35	53,800	4.2	226,600
La Crosse	37,400	4.6	172,800	41	41,400	4.8	197,000
Monroe	75,700	4.3	328,400	17	84,600	4.7	399,200
Pepin	21,200	5.3	111,800	49	23,700	5.6	132,700
Pierce	53,400	5.0	267,200	25	60,100	5.4	321,900
St. Croix	66,600	4.7	315,400	18	74,900	5.3	399,500
Trempealeau	81,500	4.3	351,800	14	92,800	4.5	419,000
W. C. District	**570,000**	**4.5**	**2,586,800**		**641,000**	**4.9**	**3,131,700**
Adams	17,000	3.2	54,100	60	19,500	3.6	70,400
Green Lake	24,200	4.7	114,800	48	27,700	5.0	139,200
Juneau	29,800	4.6	137,900	43	33,600	4.9	163,500
Marquette	21,300	4.2	89,400	53	24,400	4.9	120,200
Portage	42,100	3.9	162,800	42	47,400	3.9	184,800
Waupaca	57,700	4.9	284,500	23	66,000	5.2	342,700
Waushara	25,400	3.0	75,800	56	28,600	3.3	95,000
Wood	46,500	4.4	205,800	34	50,800	4.4	225,200
C. District	**264,000**	**4.3**	**1,125,100**		**298,000**	**4.5**	**1,341,000**
Brown	60,100	4.7	280,900	24	66,700	5.7	383,300
Calumet	42,600	4.1	174,600	40	47,100	5.2	246,700
Door	38,600	3.2	122,000	45	43,000	3.8	163,400
Fond du Lac	68,800	4.9	338,500	16	76,400	5.7	433,400
Kewaunee	49,700	4.6	226,300	30	55,400	5.3	293,000
Manitowoc	64,800	4.7	307,500	19	71,100	5.5	394,300
Outagamie	60,000	4.7	284,800	22	67,600	5.5	369,500
Sheboygan	48,100	4.8	230,400	29	53,400	5.1	270,000
Winnebago	38,300	4.7	178,400	38	43,300	5.1	219,200
E. C. District	**471,000**	**4.6**	**2,143,400**		**524,000**	**5.3**	**2,772,800**

ALL HAY: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 1986-87 1/, Continued

County	1987				1986		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	55,700	4.5	248,100	28	63,400	4.7	296,700
Grant	118,500	5.6	667,200	1	135,500	5.3	716,300
Iowa	84,400	4.9	411,800	6	96,300	4.9	469,300
Lafayette	71,000	5.6	394,100	9	81,100	5.2	421,100
Richland	66,100	4.6	306,600	20	76,200	4.6	351,200
Sauk	75,100	5.1	386,500	10	86,300	5.0	428,000
Vernon	101,200	4.0	409,000	7	116,200	4.2	487,000
S. W. District	**572,000**	**4.9**	**2,823,300**		**655,000**	**4.8**	**3,169,600**
Columbia	42,100	5.1	216,400	33	47,800	5.4	260,300
Dane	97,900	5.2	506,700	3	111,200	5.7	630,500
Dodge	81,100	5.0	404,500	8	92,600	5.3	490,200
Green	89,200	4.9	435,500	5	101,100	5.4	546,000
Jefferson	46,900	5.6	263,700	26	53,100	5.7	300,600
Rock	38,800	4.6	178,400	38*	44,200	5.0	221,400
S. C. District	**396,000**	**5.1**	**2,005,200**		**450,000**	**5.4**	**2,449,000**
Kenosha	9,100	5.7	52,000	61	10,350	6.0	62,400
Milwaukee	1,200	3.9	4,700	70	1,400	4.4	6,100
Ozaukee	16,100	5.0	79,800	54	18,150	5.4	98,500
Racine	12,400	5.2	64,100	57	13,900	4.9	67,500
Walworth	22,000	5.4	119,000	47	25,200	5.4	135,700
Washington	38,900	5.1	198,300	36	44,800	5.1	226,800
Waukesha	21,800	5.0	108,600	51	25,200	4.9	124,000
S. E. District	**121,500**	**5.2**	**626,500**		**139,000**	**5.2**	**721,000**
State	**3,320,000**	**4.5**	**15,005,000**		**3,680,000**	**5.0**	**18,227,000**

*Tied. 1/All hay production includes dry hay, haylage and green chop. Several assumptions must be noted. All hay acreage is the sum of the published alfalfa and other hay acreages. Alfalfa and other hay yields are estimated from the reported dry hay yields at harvest. Haylage yield estimates were set at the reported haylage weight at harvest and then converted to the dry equivalent production. Factors used were: One ton of dry, baled hay = .87 ton dry matter; One ton of haylage = .50 ton dry matter; One ton of green chop = .25 ton dry matter; Green chop = 25% of haylage production; Other haylage = 75% of haylage production; All hay production is at a dry equivalent of 13% moisture. The haylage production (dry equivalent tons) was then added to alfalfa and other hay production for a total all hay production. The all hay yield (dry equivalent) per acre was derived from all hay production.



ALL HAY
Acreage, Yield and Production (Dry Equivalent)
Wisconsin, 1982-87

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1987	**3,320**	**4.5**	**15,005**
1986	3,680	5.0	18,227
1985	3,600	4.7	17,064
1984	3,700	4.7	17,374
1983	3,800	4.6	17,563
1982	3,650	4.6	16,910

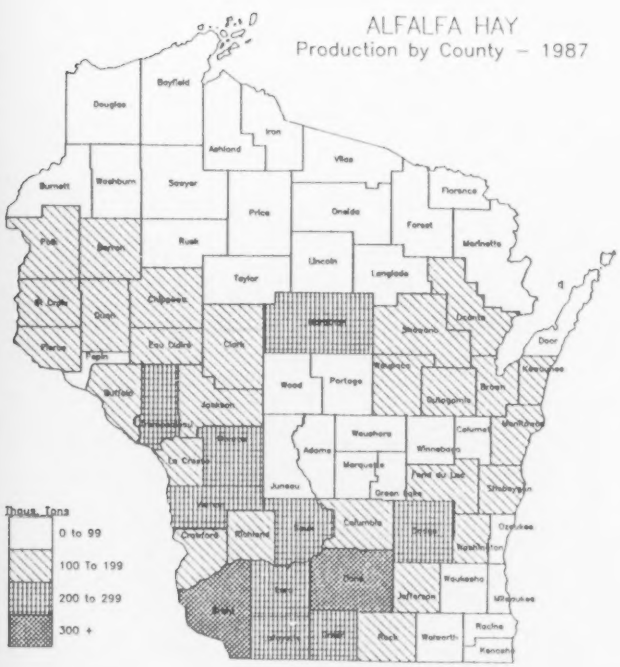
ALFALFA HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87 1/

County	1987				1986		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	72,000	2.3	169,000	15*	78,000	2.7	210,400
Bayfield	11,500	1.9	21,500	61	13,000	2.2	28,000
Burnett	18,600	2.0	37,900	55	20,000	2.7	54,800
Chippewa	66,500	2.5	169,300	14	73,000	3.0	218,300
Douglas	8,800	1.7	15,100	63	10,000	2.0	20,100
Polk	60,100	2.1	124,000	30	65,000	2.8	184,000
Rusk	15,200	2.1	31,600	58	17,000	2.4	41,200
Sawyer	4,600	1.8	8,500	65	5,000	2.2	11,200
Washburn	12,700	2.0	25,100	60	14,000	2.3	32,000
N. W. District	**270,000**	**2.2**	**602,000**		**295,000**	**2.7**	**800,000**
Ashland	6,300	2.3	14,500	64	7,300	2.3	16,700
Clark	48,300	2.4	114,000	33	52,000	2.5	127,600
Iron	1,100	1.6	1,800	70	1,200	2.0	2,400
Lincoln	18,900	2.3	43,700	52	21,000	2.5	51,600
Marathon	82,800	2.5	206,000	10	92,000	2.4	224,700
Oneida	1,600	2.1	3,400	68	1,900	1.8	3,500
Price	9,200	1.7	16,000	62	10,100	2.2	21,800
Taylor	21,300	2.1	44,700	51	23,900	2.2	51,700
Vilas	500	1.8	900	71	600	1.7	1,000
N. C. District	**190,000**	**2.3**	**445,000**		**210,000**	**2.4**	**501,000**
Florence	2,500	2.0	5,000	67	2,700	1.8	4,800
Forest	4,200	1.9	8,000	66	4,500	1.8	7,900
Langlade	16,000	2.1	34,000	57	17,400	2.8	48,900
Marinette	27,000	1.9	52,500	48	28,700	2.6	73,400
Oconto	41,900	2.5	106,500	35	44,400	2.8	125,800
Shawano	66,400	2.5	164,000	19	70,300	3.0	209,200
N. E. District	**158,000**	**2.3**	**370,000**		**168,000**	**2.8**	**470,000**
Buffalo	61,000	2.6	157,000	21	69,000	2.9	198,500
Dunn	67,500	2.6	173,000	12	75,000	3.0	222,600
Eau Claire	42,700	2.8	119,000	31*	48,000	3.0	145,700
Jackson	43,700	2.7	119,000	31*	49,000	2.5	120,500
La Crosse	34,100	3.3	111,000	34	38,000	3.2	123,400
Monroe	70,000	2.9	200,000	11	78,000	3.1	239,700
Pepin	19,700	3.1	62,000	47	22,000	3.2	71,400
Pierce	49,000	3.1	154,000	22	55,000	3.3	181,500
St. Croix	57,300	2.8	158,000	20	64,000	3.0	189,600
Trempealeau	75,000	3.0	228,000	7	85,000	3.2	270,100
W. C. District	**520,000**	**2.8**	**1,481,000**		**583,000**	**3.0**	**1,763,000**
Adams	14,700	2.7	39,100	54	17,000	2.8	48,300
Green Lake	21,600	3.1	67,500	45	25,000	3.3	83,700
Juneau	26,400	2.9	76,700	41	30,000	2.9	87,200
Marquette	19,200	2.5	47,700	50	22,000	2.8	61,400
Portage	33,200	2.9	96,000	38	38,000	2.7	102,100
Waupaca	51,100	2.6	134,000	26	59,000	2.8	162,300
Waushara	20,900	2.3	49,000	49	24,000	2.6	63,400
Wood	22,900	2.8	65,000	46	26,000	2.5	64,600
C. District	**210,000**	**2.7**	**575,000**		**241,000**	**2.8**	**673,000**
Brown	55,000	2.5	135,000	25	62,000	3.1	193,400
Calumet	38,100	2.3	87,000	40	43,000	3.1	132,400
Door	35,400	2.0	70,500	43	40,000	2.6	103,000
Fond du Lac	63,000	2.7	170,500	13	71,000	3.1	221,100
Kewaunee	45,000	2.4	106,000	36	51,000	2.8	140,300
Manitowoc	59,200	2.3	138,000	24	66,000	2.8	183,500
Outagamie	55,000	2.7	147,000	23	63,000	3.1	197,000
Sheboygan	44,500	2.9	129,000	28	50,000	3.1	153,200
Winnebago	34,800	2.6	91,000	39	40,000	2.6	104,100
E. C. District	**430,000**	**2.5**	**1,074,000**		**486,000**	**2.9**	**1,428,000**

ALFALFA HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87 1/, Continued

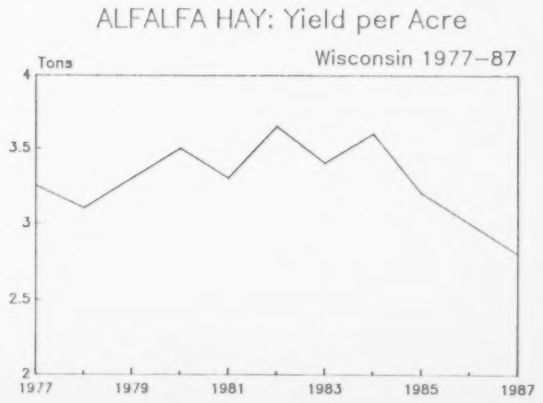
County	1987				1986		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Crawford	53,000	3.1	166,000	18	60,000	3.3	196,900
Grant	114,000	3.7	426,000	1	130,000	3.3	434,000
Iowa	81,000	3.2	262,000	3	92,000	3.3	302,200
Lafayette	67,000	3.2	217,000	9	76,000	2.9	217,000
Richland	61,000	2.8	169,000	15*	70,000	2.7	185,500
Sauk	70,000	3.1	219,000	8	80,000	2.9	235,300
Vernon	94,000	2.7	258,000	4	107,000	2.9	308,100
S. W. District	**540,000**	**3.2**	**1,717,000**		**615,000**	**3.1**	**1,879,000**
Columbia	38,500	3.4	131,000	27	44,000	3.6	158,500
Dane	91,200	3.3	304,000	2	104,000	3.8	390,000
Dodge	76,000	3.3	252,000	5	87,000	3.6	308,900
Green	84,500	2.9	245,000	6	96,000	3.3	316,000
Jefferson	43,000	3.9	167,000	17	49,000	3.8	186,700
Rock	36,800	3.4	125,000	29	42,000	3.8	158,900
S. C. District	**370,000**	**3.3**	**1,224,000**		**422,000**	**3.6**	**1,519,000**
Kenosha	8,600	3.4	29,000	59	9,900	3.6	35,500
Milwaukee	900	2.9	2,600	69	1,100	2.9	3,200
Ozaukee	15,100	2.6	40,000	53	17,200	3.1	53,400
Racine	11,300	3.3	37,600	56	12,900	3.1	40,600
Walworth	20,100	3.6	72,100	42	23,400	3.6	85,300
Washington	35,600	2.8	100,400	37	41,600	2.9	121,500
Waukesha	20,400	3.4	70,300	44	23,900	3.2	77,500
S. E. District	**112,000**	**3.1**	**352,000**		**130,000**	**3.2**	**417,000**
State	**2,800,000**	**2.8**	**7,840,000**		**3,150,000**	**3.0**	**9,450,000**

*Tied. 1/Yield figures for this table include only alfalfa and alfalfa mixtures that were harvested as dry hay. Alfalfa harvested as green chop or silage is not included. For an estimate of per acre yields of forage in all forms (wet and dry), see the table for all hay.



ALFALFA HAY: Acreage, Yield and Production Wisconsin, 1980-87

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1987	**2,800**	**2.80**	**7,840**
1986	3,150	3.00	9,450
1985	3,100	3.20	9,920
1984	3,150	3.60	11,340
1983	3,200	3.40	10,880
1982	3,050	3.65	11,133
1981	2,850	3.30	9,405
1980	3,050	3.50	10,675



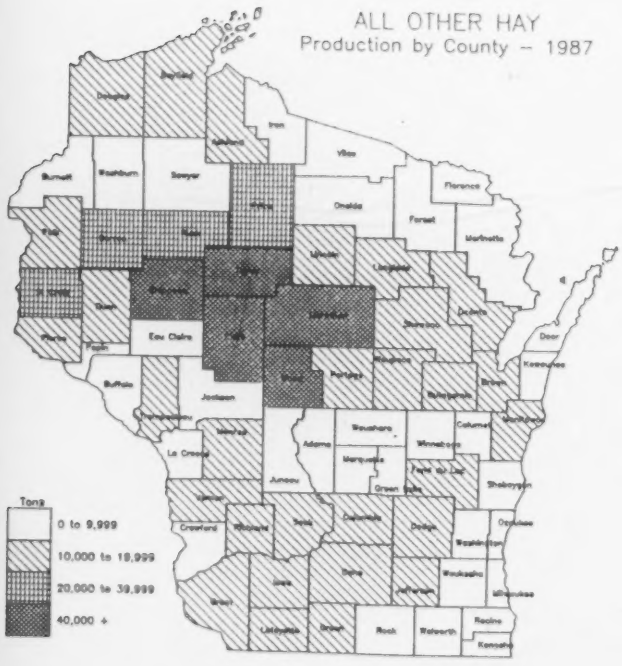
ALL OTHER HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87 1/

County	1987				1986		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Tons			Acres	Tons	
Barron	13,800	1.8	25,500	7	13,900	2.4	33,900
Bayfield	12,200	1.0	12,700	26	11,900	2.1	25,400
Burnett	4,700	1.7	8,000	48	4,800	2.1	10,200
Chippewa	21,700	2.2	47,500	4	22,100	2.4	52,300
Douglas	12,800	1.2	14,800	20 •	12,800	1.9	24,000
Polk	10,500	1.8	18,400	11	10,900	2.4	26,500
Rusk	22,100	1.5	32,200	6	22,400	2.3	51,800
Sawyer	4,700	1.4	6,700	53	4,900	2.0	9,700
Washburn	6,000	1.4	8,200	47	6,300	2.1	13,200
N. W. District	**108,500**	**1.6**	**174,000**		**110,000**	**2.2**	**247,000**
Ashland	9,700	1.8	17,600	12	9,400	2.2	20,600
Clark	51,700	2.0	103,000	1	49,200	2.5	122,400
Iron	1,700	1.5	2,500	64	1,700	1.9	3,300
Lincoln	9,500	1.6	14,900	19	9,000	2.4	21,500
Marathon	46,500	2.1	99,000	2	44,300	2.4	108,500
Oneida	1,400	1.3	1,850	66	1,400	1.7	2,400
Price	16,000	1.5	23,900	9	15,200	2.1	31,900
Taylor	30,300	1.7	50,000	3	28,600	2.2	62,100
Vilas	200	1.3	250	71	200	1.5	300
N. C. District	**167,000**	**1.9**	**313,000**		**159,000**	**2.3**	**373,000**
Florence	800	1.6	1,300	68	700	1.7	1,200
Forest	2,100	1.6	3,400	63	2,000	1.6	3,200
Langlade	9,100	1.8	16,000	14 •	8,800	2.3	20,600
Marinette	5,600	1.6	9,100	44	5,400	1.9	10,000
Oconto	7,300	2.2	16,000	14 •	7,100	2.3	16,000
Shawano	7,100	2.0	14,200	22	7,000	2.0	14,000
N. E. District	**32,000**	**1.9**	**60,000**		**31,000**	**2.1**	**65,000**
Buffalo	4,400	2.2	9,700	40	5,100	2.9	15,000
Dunn	6,800	2.3	15,300	17	7,800	2.8	22,200
Eau Claire	4,000	2.5	9,900	39	4,800	2.9	13,800
Jackson	4,100	1.8	7,500	50	4,800	2.4	11,700
La Crosse	3,300	2.8	9,300	42 •	3,400	3.1	10,600
Monroe	5,700	2.0	11,400	35	6,600	3.0	20,100
Pepin	1,500	2.3	3,500	62	1,700	3.1	5,200
Pierce	4,400	2.8	12,200	30	5,100	3.1	15,600
St. Croix	9,300	2.7	25,400	8	10,900	2.9	31,900
Trempealeau	6,500	2.4	15,800	16	7,800	3.1	23,900
W. C. District	**50,000**	**2.4**	**120,000**		**58,000**	**2.9**	**170,000**
Adams	2,300	2.2	5,000	58	2,500	2.7	6,800
Green Lake	2,600	2.4	6,200	54	2,700	2.7	7,300
Juneau	3,400	1.7	5,700	55	3,600	2.6	9,400
Marquette	2,100	1.8	3,700	60	2,400	2.4	5,800
Portage	8,900	1.7	14,800	20 •	9,400	2.4	22,500
Waupaca	6,600	1.9	12,500	27 •	7,000	2.6	18,300
Waushara	4,500	1.6	7,300	51	4,600	2.2	10,300
Wood	23,600	2.0	46,800	5	24,800	2.4	60,600
C. District	**54,000**	**1.9**	**102,000**		**57,000**	**2.5**	**141,000**
Brown	5,100	2.1	10,900	36	4,700	2.8	13,000
Calumet	4,500	1.6	7,100	52	4,100	2.2	8,900
Door	3,200	1.6	5,100	57	3,000	2.2	6,700
Fond du Lac	5,800	2.6	15,000	18	5,400	3.0	16,200
Kewaunee	4,700	2.0	9,300	42 •	4,400	2.7	12,000
Manitowoc	5,600	2.1	11,500	34	5,100	2.6	13,500
Outagamie	5,000	2.4	11,800	33	4,600	2.6	11,800
Sheboygan	3,600	2.6	9,400	41	3,400	2.7	9,300
Winnebago	3,500	2.5	8,900	45 •	3,300	2.3	7,600
E. C. District	**41,000**	**2.2**	**89,000**		**38,000**	**2.6**	**99,000**

ALL OTHER HAY: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87 1/, Continued

County	1987				1986		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quality	Rank			
	Acres	Tons			Acres	Tons	
Crawford	2,700	2.8	7,600	49	3,400	3.0	10,100
Grant	4,500	2.9	13,200	24*	5,500	3.2	17,400
Iowa	3,400	2.9	10,000	38	4,300	2.7	11,800
Lafayette	4,000	3.0	12,100	31	5,100	2.8	14,500
Richland	5,100	2.7	13,600	23	6,200	2.6	16,200
Sauk	5,100	2.5	12,500	27*	6,300	2.7	17,000
Vernon	7,200	2.4	17,000	13	9,200	2.7	25,000
S. W. District	**32,000**	**2.7**	**86,000**		**40,000**	**2.8**	**112,000**
Columbia	3,600	3.3	11,900	32	3,800	3.5	13,300
Dane	6,700	2.9	19,700	10	7,200	3.6	25,800
Dodge	5,100	2.5	12,500	27*	5,600	3.5	19,600
Green	4,700	2.2	10,500	37	5,100	2.9	14,900
Jefferson	3,900	3.4	13,200	24*	4,100	3.2	13,200
Rock	2,000	2.6	5,200	56	2,200	3.7	8,200
S. C. District	**26,000**	**2.8**	**73,000**		**28,000**	**3.4**	**95,000**
Kenosha	500	2.2	1,100	69	450	2.7	1,200
Milwaukee	300	2.3	700	70	300	2.3	700
Ozaukee	1,000	1.7	1,700	67	950	2.4	2,300
Racine	1,100	2.1	2,300	65	1,000	2.3	2,300
Walworth	1,900	2.5	4,700	59	1,800	2.6	4,600
Washington	3,300	2.7	8,900	45*	3,200	2.7	8,500
Waukesha	1,400	2.6	3,600	61	1,300	2.6	3,400
S. E. District	**9,500**	**2.4**	**23,000**		**9,000**	**2.6**	**23,000**
State	**520,000**	**2.0**	**1,040,000**		**530,000**	**2.5**	**1,325,000**

*Tied. 1/Includes yield figures for clover, timothy, grains, and all other grasses harvested as dry hay only. Other hay harvested as green chop or silage is not included. For an estimate of per acre yields of forage in all forms (wet and dry), see the table for all hay.



ALL OTHER HAY: Acreage, Yield and Production Wisconsin, 1980-87 1/

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1987	**520**	**2.00**	**1,040**
1986	530	2.50	1,325
1985	500	2.40	1,200
1984	550	2.60	1,430
1983	600	2.20	1,320
1982	600	2.70	1,620
1981	600	2.20	1,320
1980	700	2.20	1,540

1/Includes clover, timothy, and other types.

HAY STOCKS: Wisconsin, 1980-88

Year	Stocks Jan. 1	Percent of production 1/	Stocks May 1	Percent of production 1/
	1,000 tons	Percent	1,000 tons	Percent
1988 2/	**7,726**	**87**	**1,954**	**22**
1987 2/	9,482	88	1,616	15
1986	7,228	65	1,112	10
1985	10,216	80	2,426	19
1984	8,662	71	2,196	18
1983	9,310	73	2,933	23
1982	7,615	71	2,145	20
1981	9,283	76	2,687	22
1980	9,662	79	3,669	30

1/Previous year's production. 2/Hay stock survey reference date was changed from Jan. 1 to Dec. 1 beginning Dec. 1, 1986.

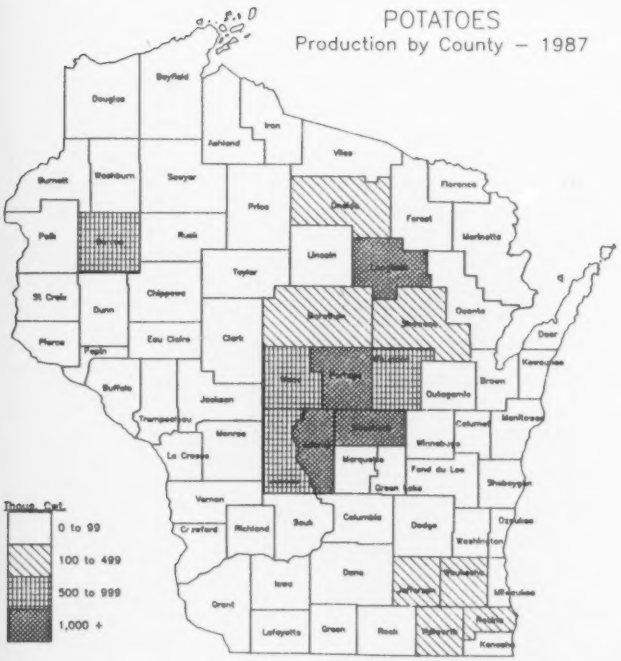
POTATOES: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Hundredweight			Acres		Hundredweight	
Barron	1,350	1,350	421	569,000	8	1,250	1,200	392	470,000
Bayfield	—	—	—	—	—	—	—	—	—
Burnett	—	—	—	—	—	—	—	—	—
Chippewa 1/	—	—	—	—	—	—	—	—	—
Douglas	—	—	—	—	—	—	—	—	—
Polk	—	—	—	—	—	—	—	—	—
Rusk	—	—	—	—	—	—	—	—	—
Sawyer 1/	—	—	—	—	—	—	—	—	—
Washburn	—	—	—	—	—	—	—	—	—
N. W. District 1/	**1,450**	**1,450**	**410**	**595,000**		**1,350**	**1,300**	**380**	**494,000**
Ashland	—	—	—	—	—	—	—	—	—
Clark 1/	—	—	—	—	—	—	—	—	—
Iron 1/	—	—	—	—	—	—	—	—	—
Lincoln	—	—	—	—	—	—	—	—	—
Marathon	1,400	1,350	264	356,000	11	1,600	1,550	276	428,500
Oneida	2,100	1,900	203	385,000	10	2,150	2,100	219	460,000
Price	—	—	—	—	—	—	—	—	—
Taylor	—	—	—	—	—	—	—	—	—
Vilas	—	—	—	—	—	—	—	—	—
N. C. District 1/	**3,750**	**3,500**	**223**	**780,000**		**4,000**	**3,900**	**240**	**936,000**
Florence	200	200	225	45,000	17	200	200	215	43,000
Forest	100	100	175	17,500	20	75	70	221	15,500
Langlade	10,400	10,300	300	3,095,000	2	9,800	9,730	326	3,175,000
Marinette	50	50	290	14,500	21	50	50	350	17,500
Oconto	300	300	267	80,000	16	300	300	300	90,000
Shawano	550	550	233	128,000	15	575	550	258	142,000
N. E. District	**11,600**	**11,500**	**294**	**3,380,000**		**11,000**	**10,900**	**320**	**3,483,000**
Buffalo	—	—	—	—	—	—	—	—	—
Dunn 1/	—	—	—	—	—	—	—	—	—
Eau Claire	—	—	—	—	—	—	—	—	—
Jackson	—	—	—	—	—	—	—	—	—
La Crosse	—	—	—	—	—	—	—	—	—
Monroe	—	—	—	—	—	—	—	—	—
Pepin	—	—	—	—	—	—	—	—	—
Pierce	—	—	—	—	—	—	—	—	—
St. Croix	—	—	—	—	—	—	—	—	—
Trempealeau 1/	—	—	—	—	—	—	—	—	—
W. C. District 1/	**—**	**—**	**—**	**—**		**—**	**—**	**—**	**—**
Adams	6,300	6,000	393	2,360,000	4	5,200	5,100	446	2,274,000
Green Lake 1/	—	—	—	—	—	—	—	—	—
Juneau	1,800	1,800	367	660,000	5	2,000	1,950	403	785,000
Marquette 1/	—	—	—	—	—	—	—	—	—
Portage	22,400	22,200	336	7,450,000	1	20,450	20,100	348	7,000,000
Waupaca	2,200	2,200	288	634,000	7	2,100	2,000	347	694,000
Waushara	7,550	7,500	368	2,760,000	3	6,600	6,400	387	2,477,000
Wood	1,650	1,650	394	650,000	6	1,400	1,400	357	500,000
C. District 1/	**42,050**	**41,500**	**351**	**14,570,000**		**37,900**	**37,100**	**371**	**13,780,000**
Brown	—	—	—	—	—	—	—	—	—
Calumet	—	—	—	—	—	—	—	—	—
Door	50	50	260	13,000	23	50	50	240	12,000
Fond du Lac	—	—	—	—	—	—	—	—	—
Kewaunee	—	—	—	—	—	—	—	—	—
Manitowoc	100	100	250	25,000	19	150	150	287	43,000
Outagamie	—	—	—	—	—	—	—	—	—
Sheboygan	—	—	—	—	—	—	—	—	—
Winnebago	—	—	—	—	—	—	—	—	—
E. C. District	**150**	**150**	**253**	**38,000**		**200**	**200**	**275**	**55,000**

POTATOES: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

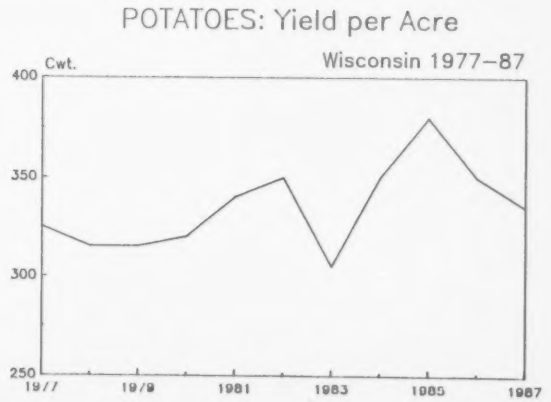
County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Hundredweight			Acres		Hundredweight	
Crawford	—	—	—	—	—	—	—	—	—
Grant	—	—	—	—	—	—	—	—	—
Iowa 1/	—	—	—	—	—	1,000	950	443	421,000
Lafayette	—	—	—	—	—	—	—	—	—
Richland	—	—	—	—	—	—	—	—	—
Sauk	—	—	—	—	—	—	—	—	—
Vernon	—	—	—	—	—	50	50	380	19,000
S. W. District 1/	**—**	**—**	**—**	**—**		**1,050**	**1,000**	**440**	**440,000**
Columbia 1/	—	—	—	—	—	—	—	—	—
Dane	—	—	—	—	—	—	—	—	—
Dodge	70	70	364	25,500	18	70	70	300	21,000
Green	—	—	—	—	—	—	—	—	—
Jefferson	1,400	1,350	315	425,000	9	1150	1,150	348	400,000
Rock 1/	—	—	—	—	—	—	—	—	—
S. C. District 1/	**1,550**	**1,500**	**317**	**475,000**		**1,300**	**1,300**	**340**	**442,000**
Kenosha	50	50	220	11,000	24	80	80	188	15,000
Milwaukee	—	—	—	—	—	—	—	—	—
Ozaukee	50	50	280	14,000	22	70	70	286	20,000
Racine	600	550	309	170,000	14	550	450	264	119,000
Walworth	900	900	326	293,000	12	750	700	280	196,000
Washington	—	—	—	—	—	50	50	300	15,000
Waukesha	650	650	349	227,000	13	700	450	289	130,000
S. E. District	**2,250**	**2,200**	**325**	**715,000**		**2,200**	**1,800**	**275**	**495,000**
State 1/	**64,500**	**63,500**	**335**	**21,273,000**		**59,000**	**57,500**	**350**	**20,125,000**

1/Includes data to prevent disclosure of individual operations at the county and/or district level.



POTATOES: Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000		Cwt.	1,000 cwt.
1987	**64.5**	**63.5**	**335**	**21,273**
1986	59.0	57.5	350	20,125
1985	65.0	63.5	380	24,130
1984	62.0	61.0	350	21,350
1983	63.0	62.0	305	18,910
1982	66.0	64.5	350	22,575
1981	55.0	53.5	340	18,190
1980	52.5	50.0	320	16,000



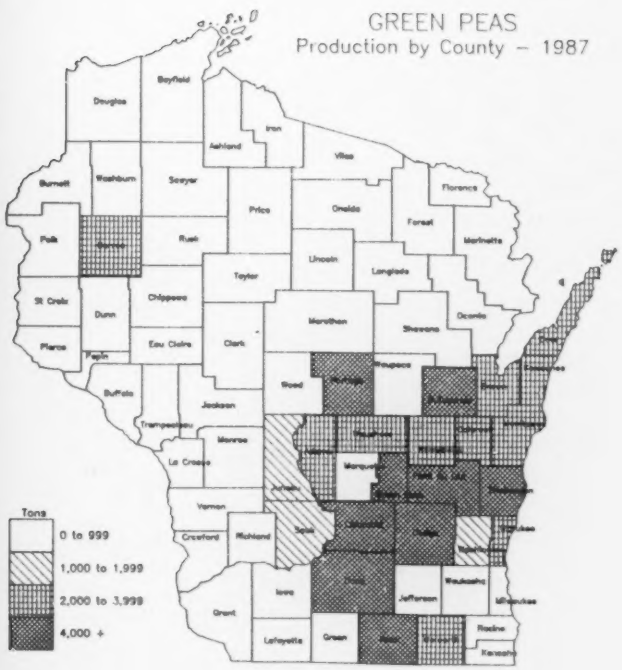
GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	2,800	2,600	1.1	2,900	14	1,750	1,500	1.6	2,450
Bayfield	—	—	—	—	—	—	—	—	—
Burnett	—	—	—	—	—	—	—	—	—
Chippewa	200	200	1.3	250	40	150	150	1.0	150
Douglas	—	—	—	—	—	—	—	—	—
Polk	450	400	1.1	450	34 *	300	250	1.6	400
Rusk	—	—	—	—	—	—	—	—	—
Sawyer	—	—	—	—	—	—	—	—	—
Washburn	—	—	—	—	—	—	—	—	—
N. W. District	**3,450**	**3,200**	**1.1**	**3,600**		**2,200**	**1,900**	**1.6**	**3,000**
Ashland	—	—	—	—	—	—	—	—	—
Clark	230	200	1.5	300	38	275	250	1.2	300
Iron	—	—	—	—	—	—	—	—	—
Lincoln	120	100	1.5	150	43 *	175	150	1.7	250
Marathon	—	—	—	—	—	—	—	—	—
Oneida	—	—	—	—	—	—	—	—	—
Price	—	—	—	—	—	—	—	—	—
Taylor	150	100	1.5	150	43 *	—	—	—	—
Vilas	—	—	—	—	—	—	—	—	—
N. C. District	**500**	**400**	**1.5**	**600**		**450**	**400**	**1.4**	**550**
Florence	—	—	—	—	—	—	—	—	—
Forest	—	—	—	—	—	—	—	—	—
Langlade	500	450	1.1	500	33	50	50	2.0	100
Marinette	300	250	1.1	280	39	200	200	1.1	225
Oconto	400	400	1.1	450	34 *	150	150	1.3	200
Shawano	600	600	1.3	770	27 *	100	100	1.3	125
N. E. District	**1,800**	**1,700**	**1.2**	**2,000**		**500**	**500**	**1.3**	**650**
Buffalo	—	—	—	—	—	—	—	—	—
Dunn	550	500	1.2	600	30 *	425	400	1.5	600
Eau Claire	650	600	1.3	770	27 *	525	450	1.8	800
Jackson	550	500	1.6	800	26	400	350	1.6	550
La Crosse	—	—	—	—	—	—	—	—	—
Monroe	—	—	—	—	—	—	—	—	—
Pepin	100	100	1.1	110	46 *	50	50	2.0	100
Pierce	100	100	1.1	110	46 *	50	50	2.0	100
St. Croix	350	300	1.3	400	36 *	400	350	1.4	500
Trempealeau	100	100	1.1	110	46 *	50	50	2.0	100
W. C. District	**2,400**	**2,200**	**1.3**	**2,900**		**1,900**	**1,700**	**1.6**	**2,750**
Adams	1,400	1,400	1.6	2,200	16	750	700	1.6	1,100
Green Lake	4,250	4,100	1.7	7,100	4 *	4,150	3,700	1.6	6,000
Juneau	900	900	1.3	1,200	22 *	1,000	1,000	1.9	1,900
Marquette	—	—	—	—	—	—	—	—	—
Portage	4,700	4,600	1.5	7,100	4 *	4,400	4,200	1.5	6,100
Waupaca	700	600	1.5	900	24 *	500	450	1.6	700
Waushara	1,350	1,200	1.8	2,100	17 *	1,500	1,450	1.0	1,500
Wood	400	400	1.0	400	36 *	400	400	1.3	500
C. District	**13,700**	**13,200**	**1.6**	**21,000**		**12,700**	**11,900**	**1.5**	**17,800**
Brown	1,650	1,600	1.3	2,100	17 *	2,500	1,900	1.5	2,900
Calumet	3,000	2,900	1.1	3,300	13	3,200	2,700	1.3	3,500
Door	3,250	3,000	1.3	3,900	10	2,800	2,600	1.5	4,000
Fond du Lac	10,800	10,500	1.3	13,500	1	8,500	8,000	1.5	11,600
Kewaunee	1,700	1,700	1.4	2,300	15	1,700	1,600	1.4	2,300
Manitowoc	2,750	2,700	1.4	3,780	11	3,400	3,200	1.8	5,800
Outagamie	3,450	3,400	1.3	4,400	9	3,200	3,000	1.5	4,500
Sheboygan	4,600	4,500	1.3	5,800	7	4,700	4,400	1.6	7,200
Winnebago	1,700	1,600	1.3	2,100	17 *	2,100	1,600	1.4	2,200
E. C. District	**32,900**	**31,900**	**1.3**	**41,180**		**32,100**	**29,000**	**1.5**	**44,000**

GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

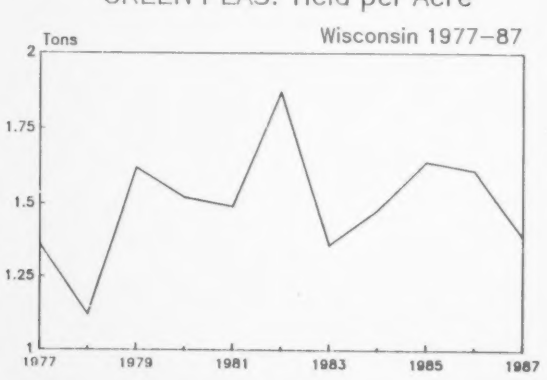
County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	—	—	—	—	—	—	—	—	—
Grant	400	400	1.4	540	32	400	400	1.6	650
Iowa	550	500	1.4	690	29	550	500	1.6	800
Lafayette	100	100	1.7	170	42	125	100	2.0	200
Richland	200	200	1.2	240	41	375	300	1.5	450
Sauk	1,400	1,400	1.4	1,960	21	1,800	1,700	1.8	3,100
Vernon	—	—	—	—	—	—	—	—	—
S. W. District	**2,650**	**2,600**	**1.4**	**3,600**		**3,250**	**3,000**	**1.7**	**5,200**
Columbia	4,600	4,500	1.4	6,500	6	4,100	3,500	1.9	6,700
Dane	4,950	4,900	1.5	7,400	3	4,400	4,100	1.8	7,300
Dodge	7,750	7,600	1.5	11,600	2	7,000	6,600	1.7	11,400
Green	500	500	1.2	600	30*	600	500	1.6	800
Jefferson	900	700	1.3	900	24*	800	700	1.7	1,200
Rock	3,900	3,800	1.5	5,700	8	3,700	3,200	2.0	6,300
S. C. District	**22,600**	**22,000**	**1.5**	**32,700**		**20,600**	**18,600**	**1.8**	**33,700**
Kenosha	50	50	1.4	70	49*	50	50	2.0	100
Milwaukee	—	—	—	—	—	—	—	—	—
Ozaukee	1,600	1,600	1.3	2,100	17*	1,575	1,500	1.5	2,300
Racine	50	50	1.4	70	49*	50	50	2.0	100
Walworth	2,600	2,500	1.4	3,530	12	1,700	1,500	1.8	2,700
Washington	1,100	1,000	1.2	1,200	22*	800	700	1.6	1,100
Waukesha	100	100	1.3	130	45	125	100	2.0	200
S. E. District	**5,500**	**5,300**	**1.3**	**7,100**		**4,300**	**3,900**	**1.7**	**6,500**
State	**85,500**	**82,500**	**1.4**	**114,680**		**78,000**	**70,900**	**1.6**	**114,150**

*Tied.



GREEN PEAS FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre (shelled)	Production (shelled)
	Planted	Harvested		
	Acres		Tons	Tons
1987	**85,500**	**82,500**	**1.39**	**114,680**
1986	78,000	70,900	1.61	114,150
1985	102,100	98,100	1.64	160,880
1984	91,000	86,200	1.48	127,580
1983	84,600	81,000	1.36	110,160
1982	85,000	79,100	1.87	147,920
1981	87,600	84,200	1.49	125,460
1980	110,100	101,100	1.52	153,670



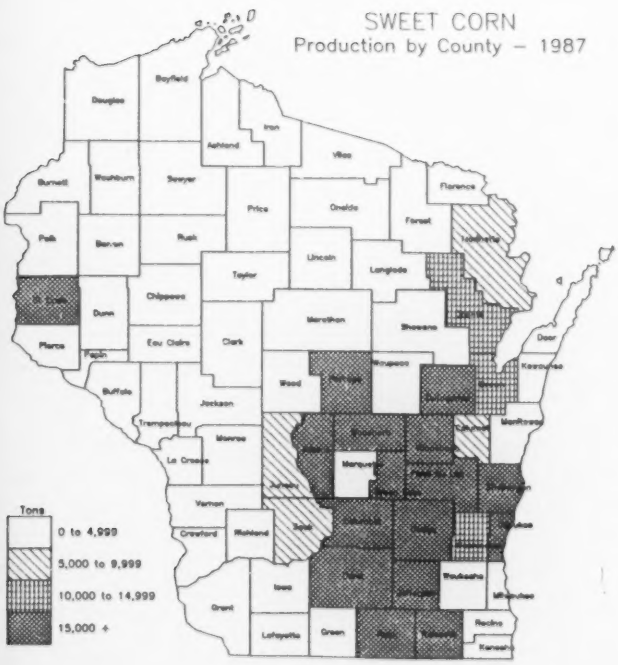
SWEET CORN FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	950	800	5.1	4,050	26	600	550	4.9	2,700
Bayfield	—	—	—	—	—	—	—	—	—
Burnett	50	50	4.0	200	50 •	—	—	—	—
Chippewa	100	100	4.0	400	43	125	100	5.0	500
Douglas	—	—	—	—	—	—	—	—	—
Polk	400	350	5.1	1,800	36	400	350	5.4	1,900
Rusk	—	—	—	—	—	—	—	—	—
Sawyer	200	200	4.8	950	39	375	300	4.7	1,400
Washburn	—	—	—	—	—	—	—	—	—
N. W. District	**1,700**	**1,500**	**4.9**	**7,400**		**1,500**	**1,300**	**5.0**	**6,500**
Ashland	—	—	—	—	—	—	—	—	—
Clark	70	50	5.0	250	45 •	—	—	—	—
Iron	—	—	—	—	—	—	—	—	—
Lincoln	60	50	4.4	220	47 •	75	50	4.0	200
Marathon	60	50	4.4	220	47 •	75	50	4.0	200
Oneida	—	—	—	—	—	—	—	—	—
Price	60	50	4.2	210	49	—	—	—	—
Taylor	—	—	—	—	—	—	—	—	—
Vilas	—	—	—	—	—	—	—	—	—
N. C. Dist 2/	**250**	**200**	**4.5**	**900**		**250**	**200**	**4.1**	**810**
Florence	—	—	—	—	—	—	—	—	—
Forest	—	—	—	—	—	—	—	—	—
Langlade	800	800	5.8	4,600	24	400	400	6.3	2,500
Marinette	1,700	1,700	5.0	8,500	20	1,500	1,400	5.5	7,700
Oconto	2,750	2,350	4.8	11,200	19	2,800	2,500	5.7	14,300
Shawano	350	350	5.4	1,900	34 •	300	300	5.7	1,700
N. E. District	**5,600**	**5,200**	**5.0**	**26,200**		**5,000**	**4,600**	**5.7**	**26,200**
Buffalo	—	—	—	—	—	—	—	—	—
Dunn	170	150	4.0	600	40 •	175	150	4.7	700
Eau Claire	170	150	4.0	600	40 •	150	150	4.7	700
Jackson	50	50	4.0	200	50 •	50	50	4.0	200
La Crosse	50	50	4.0	200	50 •	50	50	4.0	200
Monroe	160	150	4.0	600	40 •	150	150	4.7	700
Pepin	—	—	—	—	—	—	—	—	—
Pierce	50	50	4.0	200	50 •	50	50	4.0	200
St. Croix	3,700	3,150	5.0	15,800	16	3,125	2,600	4.9	12,700
Trempealeau	50	50	4.0	200	50 •	50	—	—	—
W. C. District	**4,400**	**3,800**	**4.8**	**18,400**		**3,800**	**3,200**	**4.8**	**15,400**
Adams	3,800	3,700	6.7	24,700	10	3,000	2,900	6.7	19,300
Green Lake	11,200	10,500	6.6	69,000	3	9,900	9,200	6.6	60,900
Juneau	1,150	1,100	5.4	5,900	23	1,200	1,100	5.6	6,200
Marquette	800	800	5.4	4,300	25	900	850	5.1	4,300
Portage	4,800	4,600	6.6	30,500	8	4,100	3,850	6.6	25,300
Waupaca	650	600	6.3	3,800	29 •	600	500	6.6	3,300
Waushara	4,800	4,500	6.7	30,200	9	4,500	4,100	6.7	27,300
Wood	200	200	5.0	1,000	37 •	200	200	5.0	1,000
C. District	**27,400**	**26,000**	**6.5**	**169,400**		**24,400**	**22,700**	**6.5**	**147,600**
Brown	2,700	2,600	5.0	13,100	17	2,900	2,600	4.8	12,500
Calumet	1,300	1,300	5.5	7,200	22	1,450	1,300	5.0	6,500
Door	50	50	4.0	200	50 •	50	50	5.0	250
Fond du Lac	21,900	21,350	5.7	121,000	1	19,800	18,000	5.2	93,200
Kewaunee	750	700	5.0	3,500	31	800	650	4.8	3,100
Manitowoc	900	700	5.4	3,800	29 •	750	650	4.8	3,150
Outagamie	3,700	3,600	5.5	19,900	13	3,450	3,250	5.0	16,200
Sheboygan	9,400	8,800	5.4	47,600	5	8,300	7,700	4.8	36,700
Winnebago	3,500	3,300	6.3	20,800	11	3,700	3,000	5.8	17,400
E. C. District	**44,200**	**42,400**	**5.6**	**237,100**		**41,200**	**37,200**	**5.1**	**189,000**

SWEET CORN FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

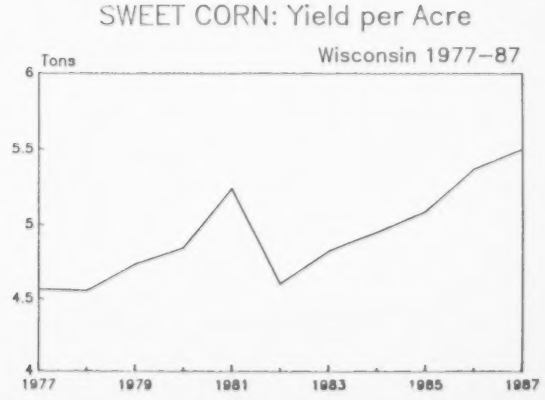
County	1987					1986 1/			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	—	—	—	—	—	—	—	—	—
Grant	550	550	4.9	2,700	33	650	600	4.8	2,900
Iowa	900	800	5.0	4,000	27*	875	800	5.0	4,000
Lafayette	—	—	—	—	—	—	—	—	—
Richland	400	400	4.8	1,900	34*	400	400	4.8	1,900
Sauk	1,650	1,600	5.1	8,150	21	1,725	1,500	5.2	7,800
Vernon	50	50	5.0	250	45*	—	—	—	—
S. W. District	**3,550**	**3,400**	**5.0**	**17,000**		**3,650**	**3,300**	**5.0**	**16,600**
Columbia	8,900	8,900	5.2	46,200	6	7,900	7,400	5.3	39,000
Dane	11,250	10,100	5.4	54,300	4	9,800	9,200	5.4	49,800
Dodge	15,700	15,300	5.0	76,800	2	13,000	12,500	4.8	60,400
Green	250	200	5.0	1,000	37*	300	200	6.5	1,300
Jefferson	3,900	3,800	5.1	19,300	14	3,700	3,300	5.2	17,000
Rock	4,300	4,200	4.9	20,500	12	3,700	3,600	5.1	18,500
S. C. District	**44,300**	**42,500**	**5.1**	**218,100**		**38,400**	**36,200**	**5.1**	**186,000**
Kenosha	90	60	5.0	300	44	90	80	5.0	400
Milwaukee	60	50	4.0	200	50*	50	50	4.0	200
Ozaukee	3,600	3,200	5.0	16,100	15	3,300	3,000	4.8	14,300
Racine	900	890	4.5	4,000	27*	1,000	870	4.7	4,100
Walworth	8,100	8,000	4.9	39,500	7	7,660	7,000	5.1	36,000
Washington	2,250	2,200	5.7	12,600	18	2,050	1,900	5.4	10,300
Waukesha	600	600	4.7	2,800	32	650	600	4.7	2,800
S. E. District	**15,600**	**15,000**	**5.0**	**75,500**		**14,800**	**13,500**	**5.0**	**68,100**
State	**147,000**	**140,000**	**5.5**	**770,000**		**133,000**	**122,200**	**5.4**	**656,210**

*Tied. 1/Revised. 2/For 1986 the data was combined to prevent disclosure of individual operations at the county level.



SWEET CORN FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre (in husk)	Production (in husk)
	Planted	Harvested		
	Acres		Tons	Tons
1987	**147,000**	**140,000**	**5.50**	**770,000**
1986	133,000	122,200	5.37	656,210
1985	136,200	131,400	5.09	668,830
1984	136,300	129,000	4.95	638,550
1983	125,800	117,900	4.82	568,280
1982	124,100	122,200	4.60	562,120
1981	120,500	113,400	5.24	594,220
1980	123,100	106,100	4.84	513,520



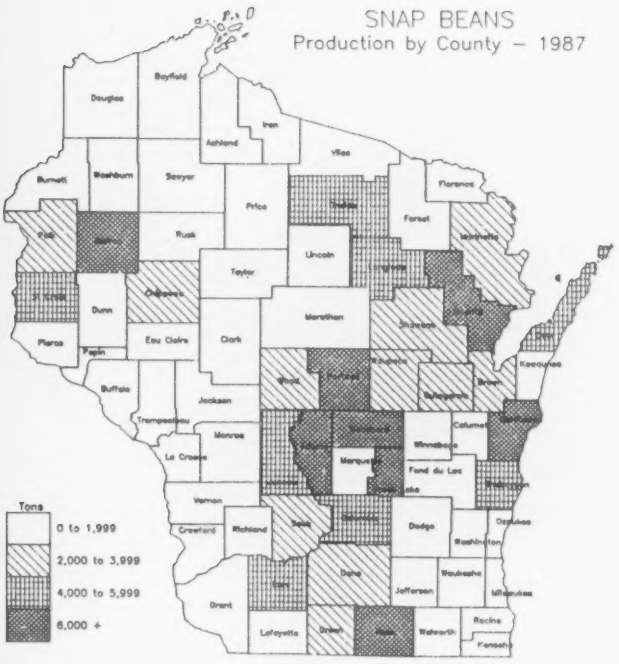
SNAP BEANS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Barron	5,500	4,800	3.0	14,300	4	5,600	4,000	2.8	11,000
Bayfield	—	—	—	—	—	—	—	—	—
Burnett	200	150	2.3	350	46	300	200	2.5	500
Chippewa	1,150	1,100	2.6	2,900	21	1,400	1,100	2.1	2,300
Douglas	—	—	—	—	—	—	—	—	—
Polk	1,250	1,100	2.8	3,100	19*	1,200	1,000	2.8	2,800
Rusk	—	—	—	—	—	—	—	—	—
Sawyer	—	—	—	—	—	—	—	—	—
Washburn	500	450	3.4	1,550	30	—	—	—	—
N. W. District	**8,600**	**7,600**	**2.9**	**22,200**		**8,500**	**6,300**	**2.6**	**16,600**
Ashland	—	—	—	—	—	—	—	—	—
Clark	300	300	2.5	750	40*	550	400	2.3	900
Iron	—	—	—	—	—	—	—	—	—
Lincoln	450	400	2.5	1,000	37	550	500	2.3	1,150
Marathon	300	300	2.5	750	40*	400	400	2.7	1,070
Oneida	2,450	2,100	2.8	5,800	9	1,800	1,600	2.3	3,680
Price	—	—	—	—	—	—	—	—	—
Taylor	—	—	—	—	—	—	—	—	—
Vilas	—	—	—	—	—	—	—	—	—
N. C. District	**3,500**	**3,100**	**2.7**	**8,300**		**3,300**	**2,900**	**2.3**	**6,800**
Florence	—	—	—	—	—	—	—	—	—
Forest	—	—	—	—	—	—	—	—	—
Langlade	1,900	1,700	2.9	5,000	11	2,200	1,900	2.8	5,300
Marinette	1,300	1,200	2.8	3,400	18	1,800	1,400	2.7	3,800
Oconto	3,300	2,900	3.1	8,900	7	3,500	3,000	3.1	9,400
Shawano	1,100	1,000	3.1	3,100	19*	1,400	1,100	3.1	3,400
N. E. District	**7,600**	**6,800**	**3.0**	**20,400**		**8,900**	**7,400**	**3.0**	**21,900**
Buffalo	50	50	2.4	120	51*	100	100	2.0	200
Dunn	600	500	3.0	1,500	31*	550	500	2.5	1,250
Eau Claire	300	300	2.4	720	42	400	350	2.1	750
Jackson	100	100	2.4	240	49	150	150	2.0	300
La Crosse	50	50	2.4	120	51*	100	100	2.0	200
Monroe	—	—	—	—	—	—	—	—	—
Pepin	400	400	2.8	1,100	34*	400	400	2.4	950
Pierce	150	150	2.7	400	44*	200	150	2.3	350
St. Croix	1,800	1,600	2.9	4,700	13	600	600	2.4	1,450
Trempealeau	450	450	2.4	1,100	34*	500	450	2.1	950
W. C. District	**3,900**	**3,600**	**2.8**	**10,000**		**3,000**	**2,800**	**2.3**	**6,400**
Adams	3,900	3,800	3.6	13,700	5	3,100	3,100	3.7	11,400
Green Lake	2,500	2,400	3.6	8,600	8	2,300	2,100	3.7	7,800
Juneau	1,550	1,450	3.2	4,600	14*	1,700	1,600	3.3	5,300
Marquette	400	350	2.6	900	38	400	400	2.8	1,100
Portage	20,000	19,400	3.6	69,500	1	19,500	17,800	3.7	66,300
Waupaca	900	700	3.4	2,400	22*	750	700	3.4	2,400
Waushara	13,200	12,800	3.5	45,200	2	13,250	12,100	3.6	43,700
Wood	850	800	2.6	2,100	25	900	900	2.8	2,500
C. District	**43,300**	**41,700**	**3.5**	**147,000**		**41,900**	**38,700**	**3.6**	**140,500**
Brown	1,250	900	2.4	2,200	24	1,500	1,150	2.3	2,600
Calumet	400	350	2.3	800	39	500	400	2.3	900
Door	1,900	1,800	2.6	4,600	14*	1,000	850	2.0	1,700
Fond du Lac	700	650	2.3	1,500	31*	700	600	2.2	1,300
Kewaunee	700	600	2.7	1,600	29	800	550	2.0	1,100
Manitowoc	3,650	3,500	2.7	9,400	6	3,800	3,350	2.6	8,600
Outagamie	1,150	1,000	2.4	2,400	22*	1,300	950	2.4	2,300
Sheboygan	1,950	1,800	2.7	4,800	12	2,400	1,800	2.9	5,300
Winnebago	100	100	2.0	200	50	200	150	2.0	300
E. C. District	**11,800**	**10,700**	**2.6**	**27,500**		**12,200**	**9,800**	**2.5**	**24,100**

SNAP BEANS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87, Continued

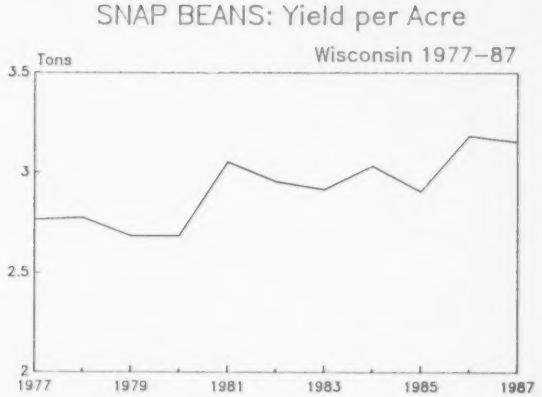
County	1987					1986			
	Acres		Yield	Production		Acres		Yield	Production
	Planted	Harvested	Per acre	Quantity	Rank	Planted	Harvested	Per acre	
	Acres		Tons			Acres		Tons	
Crawford	—	—	—	—	—	—	—	—	—
Grant	100	100	2.5	250	48	100	100	2.0	200
Iowa	1,750	1,700	2.6	4,500	16	1,650	1,600	2.6	4,100
Lafayette	—	—	—	—	—	—	—	—	—
Richland	400	400	2.6	1,050	36	—	—	—	—
Sauk	1,450	1,400	2.6	3,700	17	1,850	1,700	2.6	4,400
Vernon	—	—	—	—	—	—	—	—	—
S. W. District	**3,700**	**3,600**	**2.6**	**9,500**		**3,600**	**3,400**	**2.6**	**8,700**
Columbia	1,900	1,800	3.2	5,700	10	1,850	1,750	3.5	6,200
Dane	750	700	2.9	2,000	26 *	600	550	3.1	1,700
Dodge	600	550	3.1	1,700	28	550	500	3.2	1,600
Green	600	600	3.3	2,000	26 *	300	300	3.3	1,000
Jefferson	150	150	2.7	400	44 *	200	200	3.0	600
Rock	7,000	6,900	2.9	20,200	3	2,500	2,300	3.8	8,700
S. C. District	**11,000**	**10,700**	**3.0**	**32,000**		**6,000**	**5,600**	**3.5**	**19,800**
Kenosha	—	—	—	—	—	50	50	3.0	150
Milwaukee	—	—	—	—	—	—	—	—	—
Ozaukee	500	500	2.9	1,450	33	550	500	2.8	1,400
Racine	—	—	—	—	—	—	—	—	—
Walworth	100	100	2.6	260	47	50	50	3.0	150
Washington	250	250	2.8	700	43	300	250	3.2	800
Waukesha	50	50	2.0	100	53	50	50	2.0	100
S. E. District	**900**	**900**	**2.8**	**2,510**		**1,000**	**900**	**2.9**	**2,600**
State	**94,300**	**88,700**	**3.2**	**279,410**		**88,400**	**77,800**	**3.2**	**247,400**

*Tied.



SNAP BEANS FOR PROCESSING
Acreage, Yield, and Production Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Tons	Tons
1987	**94,300**	**88,700**	**3.15**	**279,410**
1986	88,400	77,800	3.18	247,400
1985	89,600	85,800	2.90	248,820
1984	78,800	77,600	3.03	235,130
1983	75,800	72,400	2.91	210,680
1982	66,200	64,500	2.95	190,280
1981	76,100	70,200	3.05	214,110
1980	83,900	78,800	2.68	211,180



CROP VALUES PER ACRE, Wisconsin, 1981-87

Crop	1987	1986	1985	1984	1983	1982	1981
	Dollars per acre						
Field crops							
Corn for grain	**201**	172	234	273	306	291	249
Corn for silage	**210**	182	250	263	283	250	288
Oats	**81**	70	86	102	92	86	103
Barley	**76**	71	90	117	120	119	95
Rye	**34**	43	59	59	66	69	62
All wheat	**109**	127	157	177	159	142	160
Soybeans for beans	**194**	165	155	175	266	175	196
Potatoes	**1,323**	1,610	1,197	1,680	1,693	1,435	1,598
Tobacco, all	**1,993**	1,786	2,258	2,237	2,126	2,067	2,128
Type 54	**2,100**	1,867	2,539	2,337	2,288	2,237	2,430
Type 55	**1,800**	1,720	2,003	2,145	1,957	1,894	1,863
Hay, all	**156**	155	227	221	247	232	211
Alfalfa	**169**	164	242	235	266	253	226
Vegetable crops							
Onions	**2,193**	3,239	1,260	1,559	3,719	1,222	2,735
Lettuce	**0**	2,500	3,989	4,356	1,693	1,539	2,021
Carrots 1/	**3,001**	2,826	2,208	1,764	2,205	1,927	1,710
Mint for oil 2/	**543**	515	484	546	468	398	467
For processing							
Peas	**302**	335	371	329	292	372	325
Sweet corn	316	310	307	284	272	232	315
Snap beans	**450**	455	441	461	407	404	445
Cucumbers for pickles 3/	**1,392**	1,200	1,156	826	—	—	957
Fruits							
Cranberries 4/	**8,005**	8,312	8,802	8,778	8,097	8,508	5,632
Strawberries	**2,090**	2,806	2,121	2,085	2,090	2,021	2,030

1/Includes portion processed. 2/Peppermint and spearmint. 3/Data not available in 1982 and 1983. 4/1986 season average price was used in computing value.

POTATO STOCKS: Wisconsin, 1980-87

Crop year	Production	Total Stocks					
		December 1	Following year				
			January 1	February 1	March 1	April 1	May 1
	1,000 cwt.						
1987	**21,273**	**12,300**	**9,600**	**7,300**	**5,200**	**3,500**	**2,600**
1986*	20,125	12,000	9,000	6,800	5,400	3,400	2,300
1985	24,130	14,500	11,000	8,400	6,500	4,800	3,200
1984	21,350	11,600	9,200	7,300	5,700	3,900	2,300
1983	18,910	11,000	8,400	6,300	5,000	2,700	1,700
1982	22,575	11,500	9,400	7,500	5,430	3,430	2,080
1981	18,190	10,400	7,800	5,800	4,150	2,650	1,470
1980	16,000	8,600	5,400	3,800	2,800	1,950	1,050

*Revised.

CUCUMBERS FOR PICKLES
Acreage, Yield and Production, Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Tons	Tons
1987	**5,800**	**5,700**	**8.03**	**45,770**
1986	7,300	7,200	7.50	54,000
1985	7,000	6,700	9.25	61,980
1984	8,100	7,800	7.87	61,390
1983 1/	—	—	—	—
1982 1/	—	—	—	—
1981	7,200	7,100	6.74	47,850
1980	9,600	9,500	5.65	53,680

1/Data not available in 1982 and 1983.

CARROTS
Acreage, Yield and Production, Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	1,000 cwt.
1987	**3,800**	**3,500**	**500**	**1,750**
1986	4,200	3,500	435	1,523
1985	3,600	3,300	470	1,551
1984	5,500	5,200	365	1,898
1983	3,700	3,200	465	1,488
1982	4,500	4,000	450	1,800
1981	5,000	4,500	420	1,890
1980	4,800	3,800	296	1,125

LETTUCE
Acreage, Yield and Production, Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	Cwt.
1987	—	—	—	—
1986	650	540	290	157,000
1985	750	740	330	244,000
1984	700	700	360	252,000
1983	700	690	175	121,000
1982	1,200	1,100	190	209,000
1981	980	950	210	200,000
1980	1,200	600	210	126,000

ONIONS
Acreage, Yield and Production, Wisconsin, 1980-87

Year	Acres		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt.	1,000 cwt.
1987	**1,400**	**1,200**	**280**	**336**
1986	1,400	1,200	315	378
1985	1,500	1,300	335	436
1984	1,700	1,600	340	544
1983	1,700	1,600	345	552
1982	1,600	1,500	330	495
1981	1,500	1,400	325	455
1980	1,400	1,200	290	348

CRANBERRIES
Acreage, Yield, and Production, Wisconsin, 1980-87

Year	Acres harvested	Yield per acre	Production
	Acres	Barrels	1,000 bbls.
1987	**8,100**	**156.0**	**1,264**
1986*	7,900	162.0	1,280
1985	7,500	164.0	1,230
1984	7,400	162.2	1,200
1983	7,300	155.1	1,132
1982	7,200	180.6	1,300
1981	7,100	136.3	968
1980	7,200	150.0	1,080

*Revised.

STRAWBERRIES
Acreage, Yield, and Production, Wisconsin, 1980-87

Year	Acres harvested	Yield per acre	Production
	Acres	Cwt.	Cwt.
1987	**1,200**	**37**	**44,000**
1986	1,300	49	64,000
1985	1,400	39	55,000
1984	1,500	39	59,000
1983	1,500	38	57,000
1982	1,600	38	61,000
1981	1,600	36	58,000
1980	1,500	38	57,000

APPLES AND CHERRIES
Production, Wisconsin, 1980-87

Year	Apples commercial	Cherries
	Million pounds	
1987	**65**	**14.0**
1986*	58	3.7
1985*	62	8.5
1984	53	12.0
1983	58	4.5
1982	60	10.0
1981	59	9.6
1980	65	12.1

*Revised.

MINT FOR OIL
Acreage, Yield, and Production, Wisconsin, 1980-87

Year	Acres harvested	Yield per acre	Production
	Acres	Pounds	1,000 pounds
1987	**8,600**	**37.4**	**322**
1986	9,800	37.6	368
1985	9,300	36.2	337
1984	11,700	42.7	500
1983	11,600	42.2	489
1982	11,200	31.5	353
1981	11,300	34.7	392
1980	11,100	33.2	368

TOBACCO: Acreage, Yield, and Production, By Counties, Wisconsin, 1986-87

County	1987 1/				1986 2/		
	Acres harvested	Yield per acre	Production		Acres harvested	Yield per acre	Production
			Quantity	Rank			
	Acres	Pounds			Acres	Pounds	
Type 54							
Columbia	120	2,250	270,000	5	180	1,778	320,000
Dane	2,090	2,077	4,340,000	1	2,135	2,028	4,330,000
Dodge	**	**	**	—	**	**	**
Green	**	**	**	—	**	**	**
Jefferson	45	1,989	89,500	7	62	1,532	95,000
Racine	**	**	**	—	**	**	**
Rock	440	2,182	960,000	3	415	1,807	750,000
Walworth	**	**	**	—	—	—	—
Total	**2,700**	**2,100**	**5,670,000**		**2,800**	**1,965**	**5,502,000**
Type 55							
Chippewa	**	**	**	—	**	**	**
Jackson	**	**	**	—	**	**	**
La Crosse	40	1,825	73,000	8	101	1,931	195,000
Monroe	64	1,859	119,000	6	184	1,766	325,000
Trempealeau	15	1,520	22,800	10	34	1,618	55,000
Juneau	**	**	**	—	**	**	**
Crawford	260	1,808	470,000	4	540	1,861	1,005,000
Grant	**	**	**	—	**	**	**
Richland	35	1,829	64,000	9	83	1,928	160,000
Vernon	1,080	1,796	1,940,000	2	2,450	1,878	4,600,000
Total	**1,500**	**1,800**	**2,700,000**		**3,400**	**1,870**	**6,358,000**
State	**4,200**	**1,993**	**8,370,000**		**6,200**	**1,913**	**11,860,000**

1/Preliminary. 2/Revised. **Less than 15 acres but estimate included in totals.

TOBACCO: Acreage, Yield, and Production, Wisconsin, 1980-87

Year	All			Type 54			Type 55		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Pounds	1,000 pounds	Acres	Pounds	1,000 pounds	Acres	Pounds	1,000 pound
1987	**4,200**	**1,993**	**8,370**	**2,700**	**2,100**	**5,670**	**1,500**	**1,800**	**2,700**
1986 *	6,200	1,913	11,860	2,800	1,965	5,502	3,400	1,870	6,358
1985	8,200	2,192	17,978	3,900	2,465	9,614	4,300	1,945	8,364
1984	8,100	2,025	16,400	3,900	2,105	8,210	4,200	1,950	8,190
1983	8,600	1,941	16,691	4,400	2,080	9,152	4,200	1,795	7,539
1982	10,100	1,994	20,136	5,100	2,110	10,761	5,000	1,875	9,375
1981	13,700	1,924	26,353	6,400	2,150	13,760	7,300	1,725	12,593
1980	12,900	2,013	25,965	6,300	2,110	13,293	6,600	1,920	12,672

*Revised.

TOBACCO, CIGAR FILLER & BINDER: Market Year Average Price Received by Farmers & Value of Production Wisconsin, Connecticut Valley, and Ohio, 1986-87

Class	Type number	Market year average price per pound received by farmers		Value of production	
		1987 1/	1986	**1987 1/**	1986
		Cents		1,000 dollars	
Ohio-Miami Valley-Ohio	42 - 44	**96.0**	89.0	**59**	454
Connecticut Valley Broadleaf	51	**170.0**	180.0	**2,688**	3,150
Connecticut Valley Havana Seed	52	**-**	160.0	**-**	400
Southern Wisconsin	54	**100.0**	95.0	**5,670**	5,227
Northern Wisconsin	55	**100.0**	92.0	**2,700**	5,849
Total	51-55	**112.3**	105.5	**11,395**	14,626

1/Preliminary.

Livestock & Poultry

Wisconsin's red meat industry generated cash receipts of $1,064 million during 1987, up 20 percent from 1986. Poultry sales totaled $127 million, 14 percent less than 1986. Sales of cattle and calves during 1987 totaled $770 million, 21 percent above 1986, while hog and pig sales, at $289 million, were up 16 percent. Cash receipts from sales of sheep and lambs increased 32 percent due to a 39 percent increase in marketings from 1986.

Turkey production for 1987 was valued at $50 million, down 26 percent from 1986. This was due to a 10 percent decline in pounds produced and a 17 percent decrease in the average price per pound. Receipts from broilers totaled $17 million in 1987, the same as last year. The average price per pound declined 10 percent while production increased 14 percent. Sales of eggs declined 9 percent to $31 million due to a 14 percent decrease in the average price per dozen.

Cattle and calves on farms January 1, 1988, totaled 4,230,000 head, down slightly from last year. Value of these cattle in Wisconsin was $2.77 billion, 7.5 percent higher than a year earlier. The average value per head increased $50 from 1987 to 1988.

Dairy cows on hand in Wisconsin on January 1, 1988 totaled 1.79 million, down 35,000 head from a year earlier. Milk replacement heifers weighing 500 pounds or more totaled 775,000 head, nearly 5 percent below last year.

Beef cows at 200,000 head increased 5 percent from a year ago. Beef replacement heifers 500 pounds or more totaled 41,000 head, 13 percent below last year. Heifers not for herd replacement numbered 80,000 head, a decrease of 18 percent from 1987.

Steers weighing 500 pounds or more on January 1 totaled 295,000 head, an increase of 6.5 percent. Bulls 500 pounds or more remained the same as last year at 34,000 head. Steer, bull, and heifer calves under 500 pounds totaled 1,015,000 head, 4.5 percent above 1987.

Cattle and calves on feed for the slaughter market on January 1 totaled 110,000 head, 8 percent below a year ago.

Hogs and pigs on hand December 1, 1987, at 1.28 million head, decreased 1.5 percent from a year earlier. Breeding hogs at 175,000 head were up 3 percent from last year while market hogs totaled 1,105,000 head, down 2 percent. Value of the total swine herd at $95 million showed a decline of 18 percent from a year ago as the result of a $14.50 value per head decrease.

All sheep and lambs in the state January 1, 1988, 78,000 head, 6 percent below a year ago. Sheep and lambs were valued at $7.3 million, up 14 percent from a year ago based on an increase in value of $16.50 per head. Stock sheep and lambs numbered 68,000 head, down 11 percent from 1987. Ewe stock sheep one year and older totaled 53,000 head, unchanged from last year. Lambs on feed January 1 at 10,000 head were 3,000 more than a year earlier.

NUMBER AND VALUE OF LIVESTOCK: Wisconsin, January 1, 1986-88

Class of livestock	Number			Farm value per head			Farm value		
	1988	1987	1986	**1988**	1987	1986	**1988**	1987	1986
	1,000 head			Dollars			1,000 dollars		
All cattle and calves	**4,230**	4,260	4,280	**655.00**	605.00	570.00	**2,770,650**	2,577,300	2,439,600
Hogs and pigs 1/ *	**1,280**	1,300	1,250	**74.50**	89.00	67.00	**95,360**	115,700	83,750
All sheep and lambs	**78**	83	75	**93.50**	77.00	70.00	**7,293**	6,391	5,250
All chickens 1/ 2/	**4,330**	4,453	4,350	**1.70**	1.80	1.70	**7,361**	8,015	7,395
Total value	—	—	—	n.a.	n.a.	n.a.	**2,880,664**	2,707,406	2,535,995

1/December 1 previous year. 2/Does not include commercial broilers. *Revised.

INDEX OF RED MEAT & POULTRY PRODUCTION
Wisconsin, 1982-87 (1977=100)

Commodity	1987	1986	1985	1984	1983	1982
Cattle and calves	**147**	139	119	126	116	119
Hogs	**111**	102	107	104	112	97
Sheep & lambs	**117**	100	96	87	102	117
Chickens 1/	**48**	50	43	80	76	72
Broilers	**127**	112	108	111	106	112
Turkeys	**138**	153	148	130	126	122
Total	**134**	126	117	119	115	113

1/Beginning 1985 includes sold only.

LIVESTOCK AND POULTRY FARMS
Wisconsin, 1979-87

Year	Cattle	Dairy	Hogs	Sheep	Chickens
	1,000 farms				
1987	**60**	**37**	**10.5**	**3.0**	**5.8**
1986	62	39	11.2	3.2	5.9
1985	63	41	12.0	3.5	6.1
1984	66	43	13.5	3.7	6.3
1983	68	44	14.0	3.8	6.4
1982	69	44	15.0	3.8	6.5
1981	70	44	18.0	3.8	7.0
1980	70	45	21.0	3.6	7.5
1979	72	46	21.0	3.4	8.0

MEAT: PER CAPITA CONSUMPTION
United States, 1974-88 1/

Year	Beef	Veal	Pork
	Retail weight in pounds		
1988	**71.8**	**1.5**	**62.6**
1987	75.5	1.5	58.9
1986	78.4	1.9	58.6
1985	78.8	1.8	62.0
1984	78.1	1.8	61.5
1983	78.2	1.6	61.9
1982	76.8	1.6	58.5
1981	77.1	1.6	64.9
1980	76.4	1.5	68.0
1979	78.0	1.7	63.4
1978	87.2	2.4	55.8
1977	91.4	3.1	55.8
1976	94.2	3.2	53.6
1975	88.0	3.4	50.5
1974	85.4	1.9	61.4

Year	Lamb/mutton	Chicken	Turkey
	Retail weight in pounds		
1988	**1.3**	**65.3**	**17.4**
1987	1.3	62.5	15.2
1986	1.4	58.7	13.3
1985	1.4	57.6	12.1
1984	1.5	55.2	11.3
1983	1.5	53.4	11.2
1982	1.5	52.7	10.8
1981	1.4	51.3	10.7
1980	1.4	49.7	10.5
1979	1.3	50.3	9.9
1978	1.4	46.4	9.1
1977	1.5	43.9	9.1
1976	1.6	42.4	9.1
1975	1.8	39.8	8.5
1974	2.0	40.4	8.8

1/Revised. Military purchases are now included in domestic consumption and military personnel in total population. Source: *Livestock and Poultry Situation and Outlook Report,* February 1988.

NUMBER OF LIVESTOCK
Wisconsin, January 1, 1986-88*

Class of livestock	1988	1987	1986
		1,000 head	
Cows	**1,990**	2,015	2,076
Beef	**200**	190	184
Milk	**1,790**	1,825	1,892
Heifers 500 pounds and over	**896**	959	984
For beef cow replacement	**41**	47	47
For milk cow replacement	775	814	847
Other heifers	**80**	98	90
Steers 500 pounds and over	**295**	277	265
Bulls 500 pounds and over	**34**	34	43
Heifers, steers, and bulls under 500 pounds	**1,015**	975	912
All cattle and calves	**4,230**	4,260	4,280
Hogs and pigs 1/	**1,280**	1,300	1,250
Stock sheep and lambs	**68**	76	64
Ewes 1 year and older	**53**	53	52
Ewe lambs	**10**	12	6
Rams and wethers 1 year and older	**3**	4	4
Wether and ram lambs	**2**	7	2
Sheep and lambs on feed	**10**	7	11
All sheep and lambs	**78**	83	75
Hens and pullets of laying age	**3,620**	3,712	3,360
Other pullets	**680**	688	960
Other chickens	**30**	53	30
All chickens 1/ 2/	**4,330**	4,453	4,350

1/December 1 previous year. 2/Does not include commercial broilers. *Revised.

LIVESTOCK SLAUGHTER: By Months, Wisconsin, 1983-87

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						1,000 head 1/							
						CATTLE							
1987	**114.1**	**103.5**	**110.0**	**106.7**	**103.4**	**105.9**	**112.7**	**108.3**	**110.8**	**114.6**	**108.4**	**116.5**	**1,314.9**
1986	122.7	98.6	107.4	123.8	117.6	114.0	128.7	115.8	119.0	129.6	115.3	135.7	1,428.3
1985	110.6	96.2	94.5	95.3	101.8	97.8	114.2	114.3	113.5	131.0	124.4	124.8	1,318.4
1984	121.7	106.2	100.8	93.1	101.3	95.4	104.0	108.0	96.1	117.1	107.9	108.0	1,259.5
1983	98.6	90.5	98.6	93.5	96.7	100.4	94.8	117.4	109.9	107.9	112.1	125.9	1,246.2
						CALVES							
1987	**34.1**	**30.3**	**35.1**	**28.9**	**26.7**	**31.7**	**29.9**	**25.2**	**30.0**	**33.7**	**28.0**	**34.3**	**368.0**
1986	34.1	33.9	34.5	37.7	35.5	28.6	33.2	26.7	29.5	33.6	29.6	35.2	392.2
1985	37.2	31.6	34.3	30.6	33.7	27.5	34.1	29.7	31.4	36.5	32.4	38.0	397.0
1984	36.1	35.5	40.6	31.5	34.5	29.8	35.0	36.1	29.9	38.1	37.2	32.7	416.8
1983	37.4	34.6	42.0	34.7	34.7	36.4	33.0	35.1	36.8	38.9	39.4	41.0	444.0
						HOGS							
1987	**21.1**	**68.1**	**128.4**	**134.2**	**93.2**	**89.0**	**87.4**	**83.4**	**100.4**	**144.4**	**126.0**	**29.0**	**1,104.7**
1986	186.4	168.2	188.2	177.0	180.6	150.3	155.1	161.3	182.4	204.8	155.7	152.3	2,062.3
1985	223.7	190.8	231.5	227.0	231.2	197.7	196.9	212.2	227.1	240.0	213.8	188.3	2,580.2
1984	164.1	167.4	206.3	163.4	178.4	162.3	112.3	171.2	166.4	213.0	214.2	186.0	2,104.9
1983	162.6	147.6	194.8	197.6	210.5	224.2	186.5	213.7	223.0	245.9	230.7	208.1	2,436.2
						SHEEP AND LAMBS							
1987	**0.3**	**0.3**	**0.2**	**0.6**	**0.2**	**0.5**	**0.8**	**1.2**	**1.0**	**0.9**	**0.6**	**0.5**	**6.9**
1986	0.3	0.2	0.3	0.5	0.4	0.4	0.9	1.2	1.2	0.9	0.6	0.5	7.5
1985	0.5	0.3	0.3	0.7	0.5	0.6	1.2	1.3	1.2	1.0	0.7	0.6	9.0
1984	0.7	0.7	0.4	0.9	0.5	0.7	1.2	1.6	1.5	1.4	0.8	0.9	11.3
1983	0.5	0.5	0.5	0.7	0.8	1.0	0.9	2.0	1.6	1.3	1.0	0.8	11.6
						Million pounds liveweight 1/							
						CATTLE							
1987	**133.2**	**114.0**	**130.0**	**127.8**	**124.5**	**127.5**	**133.2**	**127.9**	**132.7**	**134.1**	**128.6**	**138.1**	**1,551.4**
1986	144.0	115.6	127.2	142.9	136.7	135.0	150.7	135.7	139.9	149.1	135.1	158.5	1,670.4
1985	128.0	112.4	109.6	110.9	120.2	115.4	136.7	136.3	136.9	157.9	146.5	145.7	1,556.5
1984	144.7	126.0	121.5	109.7	118.9	112.9	122.0	123.2	109.9	133.5	125.2	124.1	1,471.4
1983	119.3	110.9	121.2	111.0	116.5	116.0	114.6	140.8	130.9	128.6	133.9	140.3	1,483.9
						CALVES							
1987	**8.6**	**7.9**	**8.8**	**7.3**	**7.1**	**8.2**	**7.9**	**6.5**	**8.3**	**9.2**	**7.4**	**8.6**	**95.8**
1986	7.9	7.8	7.8	8.3	8.5	6.8	8.2	6.7	8.1	9.1	6.8	8.3	94.3
1985	9.1	7.5	7.7	7.1	7.9	6.7	7.8	7.2	7.2	8.2	7.5	8.6	92.4
1984	8.9	8.5	9.7	7.5	8.8	7.8	8.5	8.6	7.5	9.8	8.8	7.9	102.4
1983	8.3	7.5	9.7	8.0	9.0	8.8	7.9	8.6	8.7	8.7	8.4	9.4	102.9
						HOGS							
1987	**5.9**	**18.1**	**32.6**	**34.5**	**24.4**	**23.8**	**23.3**	**21.8**	**25.8**	**37.5**	**32.0**	**8.1**	**288.0**
1986	45.3	40.6	45.9	44.6	45.7	38.1	39.0	41.1	44.7	50.9	38.9	38.4	513.1
1985	54.2	45.8	56.1	56.0	59.1	49.5	48.5	52.1	54.7	58.2	51.8	45.5	613.5
1984	39.3	40.8	49.9	40.5	45.8	42.1	28.4	42.5	40.1	51.9	52.1	44.9	518.3
1983	39.5	35.6	47.6	48.5	50.4	55.8	45.8	50.9	52.6	58.5	55.7	50.0	590.9
						SHEEP AND LAMBS 2/							
1987	**31**	**29**	**17**	**66**	**27**	**51**	**85**	**132**	**112**	**94**	**65**	**58**	**767**
1986	35	22	34	56	45	42	99	124	123	92	67	57	795
1985	47	28	30	72	55	63	126	141	131	104	66	65	927
1984	70	70	35	85	53	74	115	164	150	134	82	87	1,121
1983	52	55	52	69	85	100	98	206	158	123	103	80	1,180

1/Months will not necessarily add to total due to rounding. 2/Thousand pounds.

CATTLE AND CALVES: Number on Farms and Value, Wisconsin, January 1, 1981-88

Year	All cattle and calves			Kept for milk		Kept for beef		Other cattle			
	Number	Farm value		Cows	Heifers 500 pounds & over for replacement	Cows	Beef heifers 500 pounds & over for replacement	Other heifers 500 pounds & over	Steers 500 pounds & over	Bulls 500 pounds & over	Calves under 500 pounds
		Per head	Total								
	1,000 head	Dollars	1,000 dollars	1,000 head							
1988	**4,230**	**655**	**2,770,650**	**1,790**	**775**	**200**	**41**	**80**	**295**	**34**	**1,015**
1987 *	4,260	605	2,577,300	1,825	814	190	47	98	277	34	975
1986	4,280	570	2,439,600	1,892	847	184	47	90	265	43	912
1985	4,440	600	2,664,000	1,837	835	230	65	92	319	42	1,020
1984	4,350	575	2,501,250	1,850	810	195	52	87	304	43	1,009
1983	4,400	655	2,882,000	1,840	774	220	48	88	349	44	1,037
1982	4,450	690	3,070,500	1,830	783	257	53	80	334	45	1,068
1981	4,550	780	3,549,000	1,820	780	279	63	77	370	45	1,116

*Revised.

CATTLE AND CALVES: Production, Disposition, and Income, Wisconsin, 1980-88

Year	All cattle and calves January 1	Calves born	In-shipments	Marketings		Slaughter on farms	Deaths	
				Cattle	Calves	Cattle and calves	Cattle	Calves
	1,000 head							
1988	**4,230**							
1987	4,260	1,940	50	1,023	680	12	80	225
1986	4,280	2,000	42	1,003	717	17	90	235
1985	4,440	2,005	105	890	1,029	26	85	240
1984	4,350	2,020	110	767	917	21	85	250
1983	4,400	1,980	100	767	980	23	90	270
1982	4,450	2,000	100	796	959	18	87	290
1981	4,550	2,020	115	849	1,001	20	85	280
1980	4,280	2,030	120	611	897	17	80	275

Year	Production	Marketings	Price per 100 pounds		Cash receipts	Value of home consumption	Gross income
			Cattle	Calves			
	1,000 pounds		Dollars		1,000 dollars		
1987	**1,354,895**	**1,339,965**	**50.80**	**108.00**	**770,046**	**19,160**	**789,206**
1986*	1,275,780	1,317,495	42.90	85.70	635,699	21,985	657,684
1985	1,090,110	1,249,570	43.10	85.70	639,215	29,671	668,886
1984	1,156,225	1,084,785	47.40	90.80	611,528	29,285	640,813
1983	1,063,960	1,104,470	46.40	97.90	628,370	26,972	655,342
1982	1,094,405	1,140,145	48.90	92.50	655,633	24,735	680,368
1981	1,159,080	1,213,430	50.70	103.00	735,410	28,709	764,119
1980	976,355	881,095	50.80	106.00	558,783	27,458	586,241

*Revised.

CATTLE AND CALVES ON FEED: Placements and Marketings, Wisconsin, 1979-88

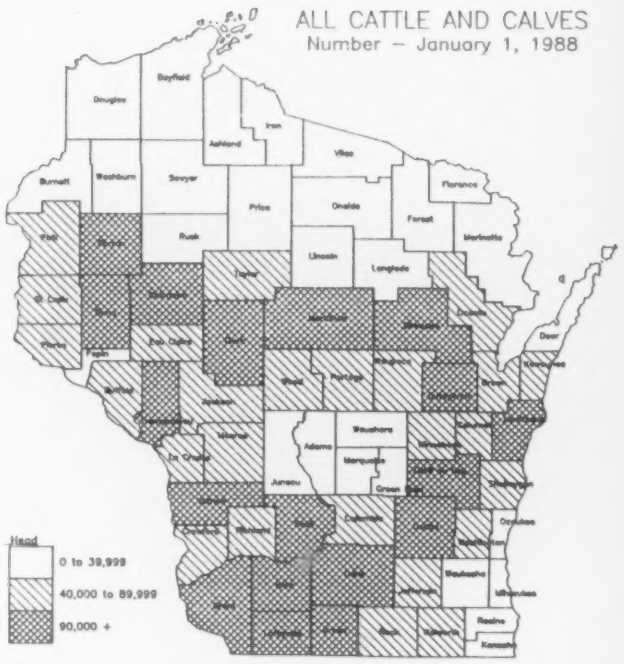
Year	Total cattle and calves on feed January 1	Total fed cattle marketed 1/	Cattle & calves placed on feed 1/	Year	Total cattle and calves on feed January 1	Total fed cattle marketed 1/	Cattle & calves placed on feed 1/
	1,000 head				1,000 head		
1988	**110**	**2/**	**2/**	1983	115	2/	2/
1987	120	2/	2/	1982	112	2/	2/
1986	108	2/	2/	1981	115	211	226
1985	120	2/	2/	1980	112	202	230
1984	110	2/	2/	1979	106	202	198

1/Includes short fed cattle, defined as those marketed during the same quarter of the year that they were placed on feed. 2/Estimates for Wisconsin discontined.

ALL CATTLE AND CALVES, By Counties, Wisconsin, January 1, 1987-88

County	1988 Number	Rank	1987 Number
Barron	100,200	16	97,000
Bayfield	12,600	61	12,800
Burnett	15,800	59	16,200
Chippewa	115,100	7	111,900
Douglas	8,100	65	8,500
Polk	80,300	22	81,100
Rusk	38,500	44	35,900
Sawyer	9,700	63*	8,600
Washburn	17,700	58	18,000
N. W. District	**398,000**		**390,000**
Ashland	9,700	63*	9,300
Clark	140,000	4	138,000
Iron	1,600	68	1,600
Lincoln	23,500	52	24,500
Marathon	154,000	2*	160,000
Oneida	1,200	69	1,300
Price	17,900	57	18,500
Taylor	56,700	34	56,200
Vilas	400	71	600
N. C. District	**405,000**		**410,000**
Florence	2,300	67	2,800
Forest	4,800	66	4,600
Langlade	23,100	53	23,300
Marinette	35,300	46	33,500
Oconto	59,100	33	57,800
Shawano	94,400	18	98,000
N. E. District	**219,000**		**220,000**
Buffalo	78,400	23	80,000
Dunn	95,800	17	100,000
Eau Claire	43,900	41	46,500
Jackson	40,700	43	42,300
La Crosse	45,200	40	47,400
Monroe	84,600	21	86,000
Pepin	27,600	49	27,600
Pierce	76,000	26	83,200
St. Croix	85,300	20	92,000
Trempealeau	102,500	14*	105,000
W. C. District	**680,000**		**710,000**
Adams	11,000	62	11,200
Green Lake	36,400	45	38,000
Juneau	34,500	47	37,300
Marquette	20,400	56	22,200
Portage	42,100	42	43,800
Waupaca	77,500	24*	78,500
Waushara	23,800	51	24,000
Wood	51,300	36	55,000
C. District	**297,000**		**310,000**
Brown	88,500	19	88,000
Calumet	64,000	31	65,000
Door	31,100	48	31,000
Fond du Lac	117,500	6	118,000
Kewaunee	64,700	30	64,000
Manitowoc	102,700	13	102,000
Outagamie	104,100	11	108,000
Sheboygan	67,800	29	65,000
Winnebago	47,600	38	49,000
E. C. District	**688,000**		**690,000**
Crawford	51,500	35	51,000
Grant	210,200	1	209,000
Iowa	111,700	8	111,000
Lafayette	108,600	9	107,000
Richland	62,500	32	62,000
Sauk	102,500	14*	99,000
Vernon	103,000	12	101,000
S. W. District	**750,000**		**740,000**
Columbia	77,500	24*	78,000
Dane	154,000	2*	155,000
Dodge	133,500	5	132,000
Green	106,000	10	104,000
Jefferson	71,000	27*	70,000
Rock	71,000	27*	71,000
S. C. District	**613,000**		**610,000**
Kenosha	14,700	60	15,300
Milwaukee	1,000	70	1,200
Ozaukee	22,000	55	21,700
Racine	22,100	54	22,400
Walworth	47,000	39	45,900
Washington	49,000	37	49,200
Waukesha	24,200	50	24,300
S. E. District	**180,000**		**180,000**
State	**4,230,000**		**4,260,000**

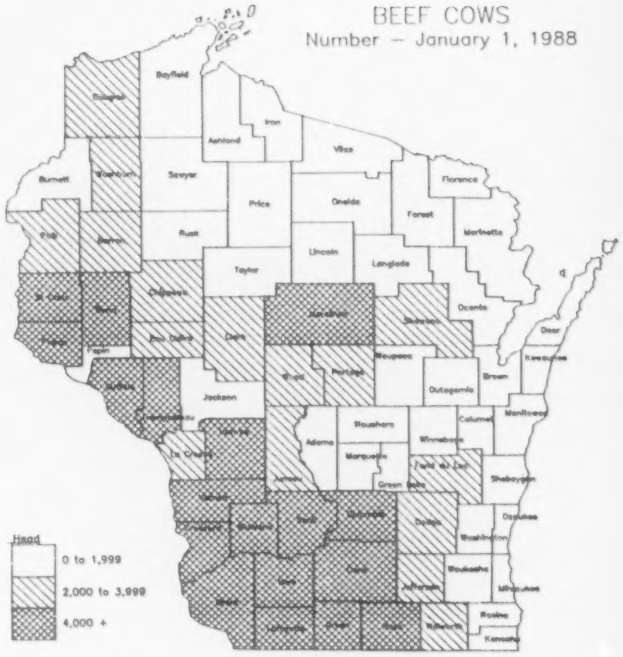
*Tied.



BEEF COWS, By Counties, Wisconsin, January 1, 1987-88

County	1988	Rank	1987
	Number		Number
Barron	2,700	26	2,300
Bayfield	800	62 *	1,000
Burnett	1,200	49 *	1,300
Chippewa	3,600	19 *	3,200
Douglas	2,200	31	2,400
Polk	3,600	19 *	3,600
Rusk	1,300	47 *	1,200
Sawyer	1,200	49 *	1,000
Washburn	2,300	29 *	2,100
N. W. District	**18,900**		**18,100**
Ashland	500	66	700
Clark	3,000	23 *	2,300
Iron	50	71	100
Lincoln	900	58 *	1,200
Marathon	4,900	10 *	3,700
Oneida	150	70	300
Price	1,000	56 *	1,200
Taylor	1,300	47 *	1,100
Vilas	200	68 *	200
N. C. District	**12,000**		**10,800**
Florence	300	67	300
Forest	700	64 *	500
Langlade	900	58 *	1,000
Marinette	1,600	40	1,800
Oconto	1,800	35 *	1,600
Shawano	2,000	34	1,600
N. E. District	**7,300**		**6,800**
Buffalo	5,200	8	4,700
Dunn	4,500	16	4,400
Eau Claire	2,900	25	2,600
Jackson	1,800	35 *	2,200
La Crosse	3,600	19 *	3,500
Monroe	4,400	17	3,600
Pepin	1,700	37 *	1,400
Pierce	5,600	6	6,000
St. Croix	5,100	9	5,200
Trempealeau	5,300	7	5,500
W. C. District	**40,100**		**39,100**
Adams	1,100	51 *	1,300
Green Lake	1,100	51 *	900
Juneau	2,100	32 *	2,400
Marquette	1,400	44 *	1,300
Portage	2,500	27 *	2,900
Waupaca	1,700	37 *	1,200
Waushara	1,100	51 *	900
Wood	2,100	32 *	1,900
C. District	**13,100**		**12,800**
Brown	1,400	44 *	1,300
Calumet	900	58 *	700
Door	1,100	51 *	1,000
Fond du Lac	2,300	29 *	2,000
Kewaunee	800	62 *	800
Manitowoc	1,400	44 *	1,100
Outagamie	1,500	41 *	2,000
Sheboygan	1,500	41 *	1,000
Winnebago	1,100	51 *	1,200
E. C. District	**12,000**		**11,100**
Crawford	4,900	10 *	5,200
Grant	21,400	1	21,500
Iowa	10,600	2	10,700
Lafayette	9,000	3	8,400
Richland	4,800	13	4,500
Sauk	6,500	4	5,800
Vernon	4,900	10 *	4,600
S. W. District	**62,100**		**60,700**
Columbia	4,700	14 *	4,900
Dane	5,900	5	5,200
Dodge	3,400	22	2,500
Green	4,700	14 *	3,800
Jefferson	3,000	23 *	2,300
Rock	4,300	18	4,400
S. C. District	**26,000**		**23,100**
Kenosha	900	58 *	1,000
Milwaukee	200	68 *	200
Ozaukee	700	64 *	600
Racine	1,000	56 *	900
Walworth	2,500	27 *	2,100
Washington	1,700	37 *	1,400
Waukesha	1,500	41 *	1,300
S. E. District	**8,500**		**7,500**
State	**200,000**		**190,000**

*Tied.



CALF CROP, By Counties, Wisconsin, 1986-87

County	1987	Rank	1986
	Number		Number
Barron	48,900	10	49,900
Bayfield	6,000	61	6,200
Burnett	7,700	59	8,000
Chippewa	55,200	6	56,200
Douglas	3,700	65	3,900
Polk	36,400	23	37,300
Rusk	18,700	44	19,000
Sawyer	4,100	64	4,100
Washburn	8,400	58	8,500
N. W. District	**189,100**		**193,100**
Ashland	4,200	63	4,600
Clark	67,500	4	71,300
Iron	400	69*	500
Lincoln	11,700	52	12,600
Marathon	79,200	2	83,300
Oneida	400	69*	500
Price	8,800	57	9,300
Taylor	28,000	33	29,600
Vilas	300	71	300
N. C. District	**200,500**		**212,000**
Florence	1,100	67	1,200
Forest	2,100	66	2,100
Langlade	12,000	49	12,500
Marinette	16,300	46	17,000
Oconto	29,000	31	30,200
Shawano	50,600	8	52,900
N. E. District	**111,100**		**115,900**
Buffalo	34,300	24	35,800
Dunn	45,100	16	47,100
Eau Claire	21,500	39	22,400
Jackson	18,800	43	19,700
La Crosse	20,700	40	21,400
Monroe	40,100	19*	41,600
Pepin	11,800	50*	12,200
Pierce	31,900	26	33,400
St. Croix	39,600	21	41,400
Trempealeau	43,300	18	45,200
W. C. District	**307,100**		**320,200**
Adams	4,700	62	4,900
Green Lake	14,900	48	15,100
Juneau	17,200	45	17,600
Marquette	9,000	56	9,200
Portage	19,100	42	19,500
Waupaca	37,600	22	38,200
Waushara	10,500	54	10,700
Wood	27,500	35	28,000
C. District	**140,500**		**143,200**
Brown	40,100	19*	41,800
Calumet	32,200	25	33,600
Door	15,400	47	16,000
Fond du Lac	53,100	7	55,300
Kewaunee	30,800	28	32,200
Manitowoc	47,700	14	49,800
Outagamie	48,700	11	50,900
Sheboygan	31,200	27	32,400
Winnebago	23,000	38	24,000
E. C. District	**322,200**		**336,000**

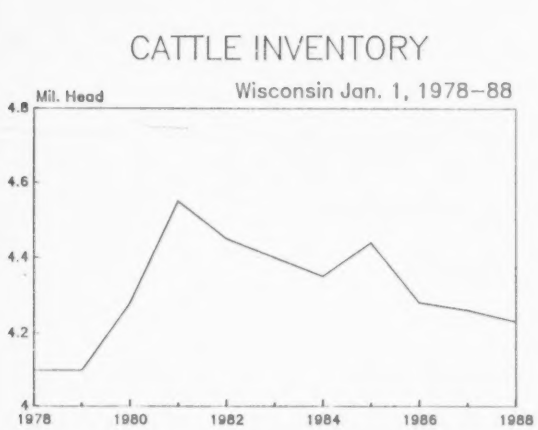
County	1987	Rank	1986
	Number		Number
Crawford	23,300	37	23,500
Grant	82,500	1	83,500
Iowa	47,600	15	47,900
Lafayette	48,300	13	48,300
Richland	28,800	32	28,900
Sauk	43,400	17	43,400
Vernon	48,500	12	49,000
S. W. District	**322,400**		**324,500**
Columbia	29,800	30	30,800
Dane	68,000	3	69,700
Dodge	57,500	5	58,900
Green	49,300	9	50,300
Jefferson	30,100	29	30,700
Rock	27,600	34	28,300
S. C. District	**262,300**		**268,700**
Kenosha	6,700	60	6,900
Milwaukee	500	68	500
Ozaukee	11,200	53	11,400
Racine	9,400	55	9,600
Walworth	19,900	41	20,200
Washington	25,300	36	25,700
Waukesha	11,800	50*	12,100
S. E. District	**84,800**		**86,400**
State	**1,940,000**		**2,000,000**

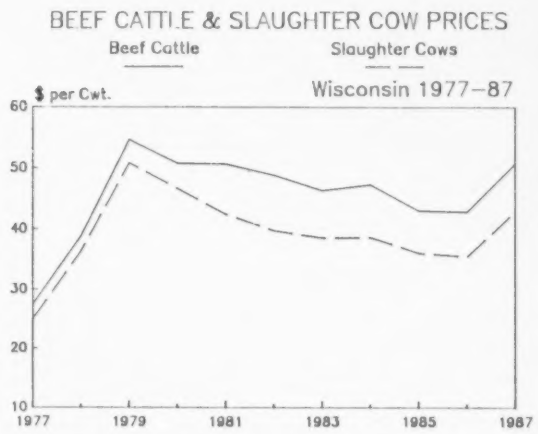
*Tied.

CATTLE AND CALVES: January 1 Inventory, Wisconsin, 1978-88

Year	All cattle and calves	Beef cows	Percent of all cattle	Beef heifers replacement	Percent of beef cows	Milk cows	Percent of all cattle	Dairy replacement	Percent of milk cows
	1,000 head	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent
1988	**4,230**	**200**	**4.7**	**41**	**20.5**	**1,790**	**42.3**	**775**	**43.3**
1987 *	4,260	190	4.5	47	24.7	1,825	42.8	814	44.6
1986	4,280	184	4.3	47	25.5	1,892	44.2	847	44.8
1985	4,440	230	5.2	65	28.3	1,837	41.4	835	45.5
1984	4,350	195	4.5	52	26.7	1,850	42.5	810	43.8
1983	4,400	220	5.0	48	21.8	1,840	41.8	774	42.1
1982	4,450	257	5.8	53	20.6	1,830	41.1	783	42.8
1981	4,550	279	6.1	63	22.6	1,820	40.0	780	42.9
1980	4,280	248	5.8	55	22.2	1,813	42.4	735	40.5
1979	4,100	227	5.5	62	27.3	1,811	44.2	713	39.4
1978	4,100	220	5.4	45	20.5	1,810	44.1	696	38.5

*Revised.





HOGS: December 1 Inventory, Wisconsin, 1978-87

Year	Breeding	% change from previous year	Market	% change from previous year	All hogs	% change from previous year	Value per head
	1,000 head	Percent	1,000 head	Percent	1,000 head	Percent	Dollars
1987	**175**	**+ 3**	**1,105**	**– 2**	**1,280**	**– 2**	**74.50**
1986*	170	n.c.	1,130	+ 5	1,300	+ 4	89.00
1985	170	– 10	1,080	– 3	1,250	– 4	67.00
1984	189	– 2	1,111	+ 2	1,300	+ 2	76.50
1983	192	– 10	1,088	+ 8	1,280	+ 5	54.50
1982	214	– 5	1,006	– 13	1,220	– 12	85.00
1981	225	– 16	1,155	– 18	1,380	– 18	64.50
1980	269	– 15	1,411	– 7	1,680	– 9	71.00
1979	315	+ 3	1,515	+ 13	1,830	+ 11	53.00
1978	305	+ 22	1,345	+ 19	1,650	+ 20	80.00

*Revised.

HOGS: Breeding Herd, United States, 1978-87

Year	June 1	December 1	Year	June 1	December 1
	Million head			Million head	
1987	**7.0**	**7.0**	1982	7.4	7.5
1986*	6.4	6.7	1981	8.4	7.8
1985	7.0	6.8	1980	9.5	9.1
1984	7.4	6.9	1979	10.4	9.7
1983	8.1	7.4	1978	8.8	9.6

*Revised.

ALL HOGS AND PIGS, By Counties, Wisconsin, December 1, 1986-87

County	1987	Rank	1986 1/
	Number		Number
Barron	9,200	30	8,300
Bayfield	400	63	500
Burnett	3,500	51	3,900
Chippewa	4,900	49	5,000
Douglas	300	64*	400
Polk	6,000	43	6,300
Rusk	900	60	900
Sawyer	1,700	56	1,500
Washburn	1,100	59	1,200
N. W. District	**28,000**		**28,000**
Ashland	300	64*	400
Clark	9,000	32	10,100
Iron	—	—	—
Lincoln	1,600	57*	1,600
Marathon	9,100	31	9,700
Oneida	300	64*	300
Price	100	67*	200
Taylor	1,600	57*	1,700
Vilas	—	—	—
N. C. District	**22,000**		**24,000**
Florence	100	67*	100
Forest	100	67*	200
Langlade	500	61*	600
Marinette	2,400	55	2,900
Oconto	7,700	36	6,800
Shawano	5,200	48	5,400
N. E. District	**16,000**		**16,000**
Buffalo	20,400	19	21,000
Dunn	19,600	20	20,000
Eau Claire	2,800	53	3,400
Jackson	6,500	39*	7,300
La Crosse	28,200	12	26,000
Monroe	8,300	34	7,700
Pepin	6,500	39*	6,200
Pierce	23,200	16	22,600
St. Croix	16,500	23	16,500
Trempealeau	21,000	18	19,300
W. C. District	**153,000**		**150,000**
Adams	3,400	52	3,700
Green Lake	17,300	22	17,200
Juneau	6,600	38	7,600
Marquette	18,300	21	19,800
Portage	10,200	28	10,500
Waupaca	12,000	27	14,700
Waushara	5,700	45*	6,500
Wood	6,500	39*	7,000
C. District	**80,000**		**87,000**
Brown	5,900	44	6,700
Calumet	5,700	45*	6,500
Door	2,600	54	3,800
Fond du Lac	29,500	11	34,500
Kewaunee	8,000	35	9,700
Manitowoc	14,200	24	15,700
Outagamie	23,500	15	28,100
Sheboygan	12,200	26	14,500
Winnebago	8,400	33	10,500
E. C. District	**110,000**		**130,000**
Crawford	24,000	14	23,000
Grant	193,000	1	187,500
Iowa	35,800	9	34,000
Lafayette	79,000	3	77,000
Richland	22,700	17	16,500
Sauk	66,500	6	62,500
Vernon	10,000	29	9,500
S. W. District	**431,000**		**410,000**
Columbia	67,500	5	73,000
Dane	99,700	2	95,000
Dodge	63,500	7	69,000
Green	69,000	4	72,000
Jefferson	29,800	10	31,000
Rock	50,500	8	48,000
S. C. District	**380,000**		**388,000**
Kenosha	6,100	42	8,500
Milwaukee	500	61*	500
Ozaukee	3,600	50	5,400
Racine	13,000	25	14,200
Walworth	24,200	13	25,000
Washington	7,300	37	8,100
Waukesha	5,300	47	5,300
S. E. District	**60,000**		**67,000**
State	**1,280,000**		**1,300,000**

* Tied. 1/Revised.

HOGS: Feeding and Breeding Shipped Out of Wisconsin, 1982-87 1/

State	1987	1986	1985	1984	1983	1982
			Number			
Maine	-	-	550	-	-	-
New Jersey	76	-	-	-	-	-
Massachusetts	1,201	955	3,080	6,058	620	-
New York	-	-	-	-	1,260	-
Pennsylvania	744	523	234	326	753	1,297
Ohio	18,021	33,790	31,331	26,799	40,994	30,225
Indiana	14,128	14,966	14,169	15,468	29,168	26,913
Illinois	87,738	74,357	123,873	77,890	95,233	113,610
Michigan	12,768	8,392	18,024	31,264	38,449	21,348
Minnesota	24,057	16,755	21,867	34,041	36,047	42,050
Iowa	69,336	62,706	92,912	136,006	143,799	273,951
Missouri	185	155	272	242	346	1,301
North Dakota	54	16	53	31	37	77
South Dakota	3,056	3,561	2,786	8,499	13,019	10,822
Nebraska	521	421	1,636	5,830	3,903	4,686
Kansas	257	50	12	38	-	79
Delaware	-	2	-	2	-	-
Maryland	210	-	-	-	13	-
Virginia	13	-	-	-	-	22
North Carolina	718	940	181	307	2,568	365
South Carolina	-	5	11	1	-	167
Georgia	-	2	-	22	50	4
Florida	-	113	-	-	-	1
Kentucky	7,448	8,467	8,249	8,110	8,442	8,358
Tennessee	64	97	37	45	50	20
Alabama	-	-	-	606	-	-
Mississippi	19	8	-	-	15	7
Arkansas	2	-	30	72	-	-
Oklahoma	92	48	87	29	11	29
Texas	179	127	229	185	69	4
Utah	2	-	-	-	-	1
Montana	369	379	44	10	-	15
Wyoming	31	13	18	-	-	9
Colorado	722	-	4	-	600	-
Arizona	-	-	20	2	62	13
Washington	-	-	-	3	-	7
California	411	-	31	34	36	1
Idaho	-	-	-	25	-	-
Oregon	2	-	-	-	-	-
Alaska	-	9	1	-	-	5
United States	242,424	226,857	319,741	351,945	415,544	535,386
Outside United States	2,055	3,321	4,285	1,827	3,047	7,682
Total	244,479	230,178	324,026	353,772	418,591	543,068

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection, almost entirely for feeding.

HOGS: Feeding and Breeding Shipped Out of Wisconsin, By Months, 1980-87 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							1,000 head						
1987	**19.0**	**17.7**	**21.0**	**20.1**	**19.8**	**20.5**	**23.0**	**20.3**	**19.7**	**22.1**	**22.4**	**18.9**	**244.5**
1986	19.8	15.9	19.5	17.2	16.0	17.8	16.0	21.4	23.7	23.7	18.7	20.7	230.2
1985	32.1	66.6	20.3	20.2	24.8	25.5	20.3	21.2	19.7	26.8	24.0	22.7	324.0
1984	35.9	26.5	28.3	28.3	30.3	39.9	30.5	30.3	27.5	32.2	25.3	18.9	353.8
1983	42.0	32.4	34.7	36.7	31.3	47.3	32.6	27.7	26.3	30.3	41.5	35.9	418.6
1982	38.4	35.9	32.1	39.5	36.8	36.8	85.4	44.8	35.5	51.4	53.8	52.7	543.1
1981	50.2	29.6	28.6	47.0	46.8	44.6	41.4	38.4	45.5	41.6	46.7	37.3	497.6
1980	46.4	35.6	35.2	37.0	28.1	56.8	34.3	56.7	30.9	49.5	55.4	43.0	509.1

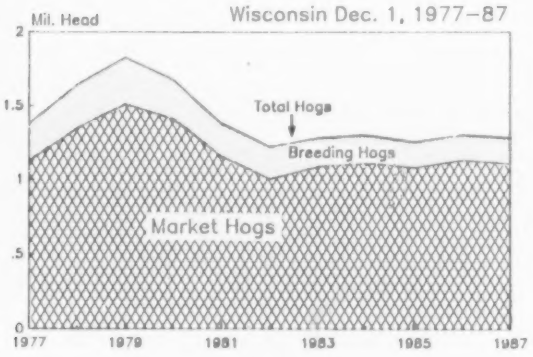
1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection, primarily for feeding. Months will not necessarily add to annual total due to rounding.

HOGS: Number on Farms and Value, Wisconsin, December 1, 1980-87

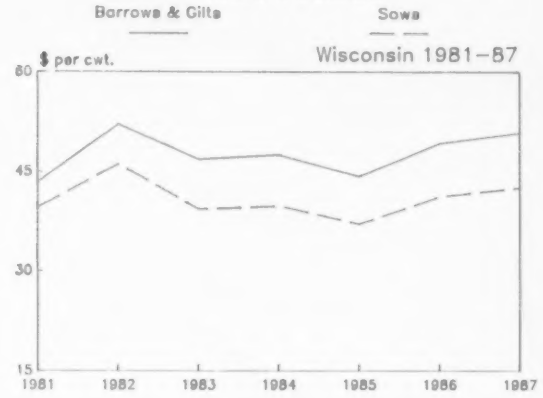
Year	All hogs and pigs	Farm value		Breeding hogs	Market hogs			
		Per head	Total		< 60 lbs	60-119 lbs	120-179 lbs	180+ lbs
	1,000 head	Dollars	1,000 dollars	1,000 head				
1987	**1,280**	**74.50**	**95,360**	**175**	**435**	**260**	**215**	**195**
1986*	1,300	89.00	115,700	170	430	272	227	201
1985	1,250	67.00	83,750	170	435	270	200	175
1984	1,300	76.50	99,450	189	478	272	200	161
1983	1,280	54.50	69,760	192	496	262	184	146
1982	1,220	85.00	103,700	214	473	247	165	121
1981	1,380	64.50	89,010	225	502	293	200	160
1980	1,680	71.00	119,280	269	612	354	254	191

*Revised.

HOG INVENTORY



HOG PRICES



HOGS: Production, Disposition, and Income, Wisconsin, 1980-87

Year	All hogs December 1 previous year	Spring pig crop		Fall pig crop		Inshipments	Marketings	Slaughter on farms	Deaths
		Sows farrowing	Pigs saved	Sows farrowing	Pigs saved				
	1,000 head								
1987	**1,280**	**160**	**1,232**	**155**	**1,194**	**12**	**2,367**	**6**	**85**
1986*	1,300	160	1,232	150	1,140	24	2,248	8	90
1985	1,300	165	1,320	149	1,177	42	2,491	8	90
1984	1,280	170	1,275	160	1,232	31	2,423	10	85
1983	1,220	190	1,463	170	1,309	35	2,642	15	90
1982	1,380	160	1,232	160	1,248	34	2,524	20	130
1981	1,680	185	1,408	177	1,349	28	2,893	35	157
1980	1,830	218	1,625	205	1,543	32	3,136	49	165

Year	Production	Marketings	Price per 100 pounds	Cash receipts	Value of home consumption	Gross income	All hogs December 1 current year
	1,000 pounds		Dollars	1,000 dollars			1,000 head
1987	**567,885**	**568,606**	**50.10**	**289,433**	**1,413**	**290,846**	**1,280**
1986*	518,778	507,398	48.30	249,898	1,816	251,714	1,300
1985	546,158	550,385	43.20	242,527	1,590	244,117	1,250
1984	531,093	522,830	46.50	248,503	2,139	250,642	1,300
1983	570,785	563,034	45.60	262,417	2,753	265,170	1,280
1982	496,180	514,660	51.00	275,177	4,692	279,869	1,220
1981	568,668	594,079	43.10	264,122	6,072	270,194	1,380
1980	627,629	634,714	38.00	248,374	7,495	255,869	1,680

*Revised.

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SHEEP AND LAMBS: Production, Disposition, and Income, Wisconsin, 1980-88

Year	All sheep and lambs January 1	Lambs saved		Inshipments	Marketings		Slaughter on farms	Deaths	
		Number	Percent of ewes 1 year and older	Sheep and lambs	Sheep	Lambs	Sheep and lambs	Sheep	Lambs
	1,000 head		Percent	1,000 head					
1988	**78**								
1987	83	78	147	2	16	55	1	5	8
1986	75	78	150	4	5	54	1	5	9
1985	81	76	149	1	4	63	1	6	9
1984	80	73	133	3	8	52	1	6	8
1983	99	81	119	5	19	68	1	7	10
1982	125	105	130	4	25	82	1	13	14
1981	127	119	145	7	13	90	1	12	12
1980	113	110	157	11	3	77	1	13	13

Year	Production	Marketings	Price per 100 pounds		Cash receipts	Value of home consumption	Gross income
			Sheep	Lambs			
	1,000 pounds		Dollars		1,000 dollars		
1987	**7,639**	**8,206**	**24.50**	**74.10**	**4,970**	**185**	**5,155**
1986	6,518	5,[illegible]2	21.10	68.30	3,771	148	3,919
1985	6,251	6,[illegible]7	16.40	68.90	4,383	146	4,529
1984	5,694	5,745	11.10	63.40	3,094	147	3,241
1983	6,674	9,231	11.00	55.00	3,948	167	4,115
1982	7,601	10,848	13.70	54.00	4,657	189	4,846
1981	9,605	9,985	17.00	54.00	4,839	189	5,028
1980	9,092	7,635	16.20	63.60	4,692	191	4,883

SHEEP AND LAMBS: Number on Farms and Value, Wisconsin, January 1, 1980-88

Year	All sheep and lambs			Sheep and lambs on feed	Stock sheep and lambs					
	Number	Farm value			Total	One year and over		Lambs		
		Per head	Total			Ewes	Wethers and rams	All lambs	Ewes	Wethers and rams
	1,000 head	Dollars	1,000 dollars	1,000 head	1,000 head					
1988	**78**	**93.50**	**7,293**	**10**	**68**	**53**	**3**	**12**	**10**	**2**
1987	83	77.00	6,391	7	76	53	4	19	12	7
1986	75	70.00	5,250	11	64	52	4	8	6	2
1985	81	68.00	5,508	15	66	51	5	10	8	2
1984	80	57.00	4,560	10	70	55	4	11	8	3
1983	99	54.00	5,346	14	85	68	4	13	11	2
1982	125	64.00	8,000	15	110	81	5	24	20	4
1981	127	85.00	10,795	16	111	82	5	24	21	3
1980	113	84.00	9,492	13	100	70	4	26	23	3

WOOL PRODUCTION: Wisconsin, 1980-87

Year	Number of sheep shorn	Weight per fleece	Total production
	1,000 head	Pounds	1,000 pounds
1987	**92**	**7.6**	**695**
1986	93	7.2	672
1985	93	7.3	683
1984	100	7.3	734
1983	107	7.5	803
1982	101	7.5	760
1981	118	7.5	880
1980	113	7.5	848

WOOL VALUE: Wisconsin, 1980-87

Year	Total production	Price per pound	Farm value
	1,000 pounds	Cents	1,000 dollars
1987	**695**	**57**	**396**
1986	672	44	296
1985	683	43	294
1984	734	54	396
1983	803	39	313
1982	760	44	334
1981	880	69	607
1980	848	72	611

STOCK SHEEP, By Counties, Wisconsin, January 1, 1987-88

County	1988 Number	Rank	1987 Number
Barron	1,000	23*	1,200
Bayfield	100	62*	100
Burnett	400	43*	400
Chippewa	1,100	20*	1,400
Douglas	300	47*	300
Polk	1,300	14*	1,200
Rusk	100	62*	100
Sawyer	400	43*	500
Washburn	400	43*	300
N. W District	**5,100**		**5,500**
Ashland	50	66*	50
Clark	1,300	14*	1,400
Iron	50	66*	50
Lincoln	200	56*	200
Marathon	1,100	20*	1,100
Oneida	50	66*	50
Price	100	62*	50
Taylor	250	55	300
Vilas	—	—	—
N. C. District	**3,100**		**3,200**
Florence	50	66*	—
Forest	50	66*	50
Langlade	150	60*	150
Marinette	150	60*	200
Oconto	300	47*	300
Shawano	300	47*	300
N. E. District	**1,000**		**1,000**
Buffalo	800	28*	1,000
Dunn	1,200	17*	1,500
Eau Claire	600	39*	700
Jackson	1,200	17*	1,400
La Crosse	600	39*	500
Monroe	900	26*	900
Pepin	200	56*	300
Pierce	2,700	6*	3,300
St. Croix	1,700	10	1,800
Trempealeau	1,500	12	1,900
W. C. District	**11,400**		**13,300**
Adams	200	56*	200
Green Lake	800	28*	1,200
Juneau	700	34*	700
Marquette	1,000	23*	1,300
Portage	3,100	4	2,500
Waupaca	900	26*	1,000
Waushara	700	34*	900
Wood	800	28*	800
C. District	**8,200**		**8,600**
Brown	400	43*	600
Calumet	300	47*	300
Door	200	56*	200
Fond du Lac	1,000	23*	1,200
Kewaunee	300	47*	300
Manitowoc	700	34*	800
Outagamie	700	34*	900
Sheboygan	600	39*	900
Winnebago	800	28*	800
E. C. District	**5,000**		**6,000**
Crawford	600	39*	800
Grant	3,500	3	4,100
Iowa	2,700	6*	3,000
Lafayette	2,100	9	2,400
Richland	1,300	14*	1,700
Sauk	2,300	8	2,500
Vernon	1,200	17*	1,600
S. W. District	**13,700**		**16,100**
Columbia	4,300	2	4,800
Dane	5,900	1	6,400
Dodge	1,400	13	1,600
Green	1,600	11	1,900
Jefferson	800	28*	1,000
Rock	2,900	5	2,800
S. C. District	**16,900**		**18,500**
Kenosha	300	47*	300
Milwaukee	100	62*	100
Ozaukee	300	47*	400
Racine	800	28*	900
Walworth	1,100	20*	1,200
Washington	300	47*	300
Waukesha	700	34*	600
S. E. District	**3,600**		**3,800**
State	**68,000**		**76,000**

*Tied.

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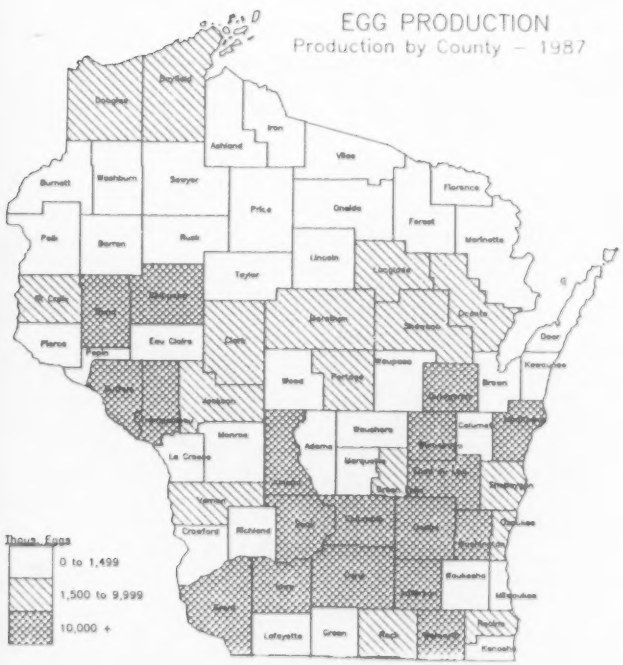
LAYERS AND EGG PRODUCTION, By Counties, Wisconsin, 1986-87

County	Layers—December 1		Egg production		
	1987	1986	1987	Rank	1986
	Number		1,000 eggs		1,000 eggs
Barron	3,500	3,900	780	45	800
Bayfield	9,500	10,500	2,960	29	2,190
Burnett	1,000	1,200	230	63	300
Chippewa	77,100	93,100	21,410	8	19,170
Douglas	22,000	22,700	5,920	21	5,770
Polk	4,400	3,900	870	40	820
Rusk	2,300	2,900	550	54	620
Sawyer	400	400	80	65	90
Washburn	800	1,100	200	64	230
N. W. District	**121,000**	**139,700**	**33,000**		**29,990**
Ashland	1,300	1,300	330	60	280
Clark	6,600	7,500	1,780	33	1,480
Iron	100	100	20	71	10
Lincoln	1,400	1,400	350	59	310
Marathon	13,300	17,700	4,280	26	4,290
Oneida	300	200	60	67	50
Price	1,200	1,400	330	60	240
Taylor	2,900	3,600	820	42	690
Vilas	100	100	30	70	20
N. C. District	**27,200**	**33,300**	**8,000**		**7,370**
Florence	200	200	50	69	40
Forest	300	400	80	65	130
Langlade	5,300	5,800	1,570	34	1,230
Marinette	2,800	3,400	720	50	710
Oconto	8,300	8,800	2,000	31	2,080
Shawano	8,900	9,400	2,080	30	2,050
N. E. District	**25,800**	**28,000**	**6,500**		**6,240**
Buffalo	65,500	67,500	16,260	12	16,800
Dunn	84,500	88,100	16,710	11	19,340
Eau Claire	3,600	4,100	850	41	790
Jackson	16,700	51,900	8,500	19	15,180
La Crosse	3,200	3,900	780	45	810
Monroe	4,900	5,000	1,100	36	1,070
Pepin	1,300	1,400	300	62	380
Pierce	4,100	5,000	1,010	38	1,050
St. Croix	16,900	18,600	4,290	25	3,800
Trempealeau	94,800	89,500	22,200	7	18,290
W. C. District	**295,500**	**335,000**	**72,000**		**77,510**
Adams	1,600	1,800	380	58	1,050
Green Lake	21,600	23,100	4,990	24	7,400
Juneau	53,000	50,700	11,830	15	13,560
Marquette	2,900	2,600	620	52	560
Portage	22,700	22,600	5,260	23	6,380
Waupaca	5,700	6,800	1,400	35	1,430
Waushara	3,100	3,500	740	49	660
Wood	3,400	3,500	780	45	690
C. District	**114,000**	**114,600**	**26,000**		**31,730**
Brown	4,900	4,300	990	39	910
Calumet	1,700	2,000	420	57	440
Door	1,900	2,300	480	56	480
Fond du Lac	41,000	33,900	10,740	16	11,970
Kewaunee	3,100	3,800	780	45	840
Manitowoc	51,000	19,200	10,120	18	7,630
Outagamie	62,800	60,200	15,200	13	14,650
Sheboygan	12,500	12,600	3,190	28	4,640
Winnebago	72,700	77,300	18,580	9	20,610
E. C. District	**251,600**	**215,600**	**60,500**		**62,170**

LAYERS AND EGG PRODUCTION, By Counties, Wisconsin, 1986-87, Continued

County	Layers--December 1		Egg production		
	1987	1986	1987	Rank	1986
	Number		1,000 eggs		1,000 egg
Crawford	4,200	5,100	1,030	37	1,060
Grant	51,900	54,800	13,000	14	12,840
Iowa	97,500	143,000	30,190	5	35,670
Lafayette	3,600	3,600	800	43*	810
Richland	2,500	2,600	560	53	540
Sauk	277,900	326,800	61,800	3	73,880
Vernon	29,000	29,600	7,620	20	6,580
S. W. District	**466,600**	**565,500**	**115,000**		**131,380**
Columbia	123,700	132,800	22,880	6	23,160
Dane	256,400	204,700	61,740	4	56,490
Dodge	81,200	61,300	18,120	10	18,790
Green	2,300	2,600	520	55	680
Jefferson	1,283,600	1,300,800	323,770	1	277,520
Rock	9,800	9,400	1,970	32	2,260
S. C. District	**1,757,000**	**1,711,600**	**429,000**		**378,900**
Kenosha	3,200	4,000	800	43*	750
Milwaukee	200	300	60	67*	80
Ozaukee	13,100	13,400	3,440	27	3,220
Racine	23,400	25,500	5,500	22	5,370
Walworth	472,300	473,400	106,100	2	83,060
Washington	46,300	48,800	10,420	17	11,450
Waukesha	2,800	3,300	680	51	780
S. E. District	**561,300**	**568,700**	**127,000**		**104,710**
State	**3,620,000**	**3,712,000**	**877,000**		**830,000**

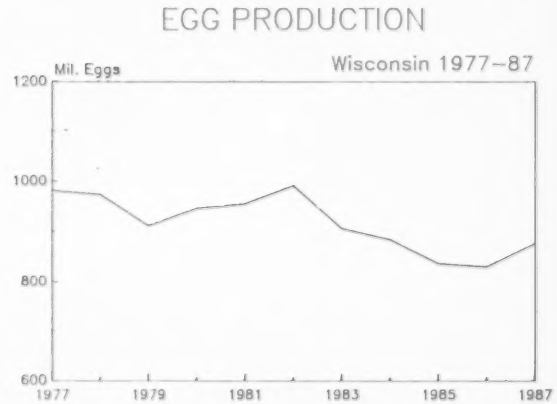
*Tied.



CHICKENS 1/: Number on Farms Wisconsin, December 1, 1980-87

Year	Hens	Hens and pullets	Layers 2/	Total chickens
	Thousands			
1987	**1,520**	**4,300**	**3,620**	**4,330**
1986	1,818	4,400	3,712	4,453
1985	1,450	4,320	3,360	4,350
1984	1,500	4,570	3,540	4,600
1983	1,520	4,520	3,670	4,540
1982	1,764	4,780	3,800	4,800
1981	1,490	5,110	4,080	5,130
1980	1,651	5,025	4,020	5,050

1/Excludes commercial broilers. 2/Hens and pullets of laying age.



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CHICKENS: Production, Disposition, and Income, Wisconsin, 1980-87 1/

Year	Number					Quantity		Value			Gross income from farm chickens, broilers, and eggs 2/
	Raised	Lost	Produced	Consumed on farms	Sold	Sold	Produced	Cash income	Value consumed on farms	Gross income	
	1,000 head					1,000 pounds		1,000 dollars			
1987	**3/**	**270**	**3/**	**3/**	**2,100**	**7,980**	**3/**	**718**	**3/**	**3/**	**49,053**
1986	3/	310	3/	3/	2,200	8,360	3/	1,003	3/	3/	52,151
1985	3/	400	3/	3/	1,900	7,220	3/	939	3/	3/	45,460
1984	3,200	480	2,720	160	2,500	12,500	13,261	1,563	92	1,655	62,210
1983	2,900	460	2,440	180	2,520	12,600	12,629	1,323	87	1,410	51,025
1982	2,800	420	2,380	210	2,500	12,500	12,025	1,150	89	1,239	51,860
1981	3,820	490	3,330	230	3,020	15,100	16,598	1,238	87	1,325	55,472
1980	3,370	480	2,890	240	3,000	15,000	15,176	1,185	87	1,272	50,828

1/Annual estimates cover the period December 1 previous year through November 30. 2/Includes cash income for chickens. 3/Estimates have been discontinued.

EGGS: Production, Disposition, and Income, Wisconsin, 1980-87 1/

Year	Average number of layers during year	Eggs per layer	Production and disposition			Income			
			Produced	Consumed on farms	Sold	Price per dozen	Cash income	Value of eggs consumed on farms	Gross income
	1,000	Number	Million eggs			Cents	1,000 dollars		
1987	**3,597**	**244**	**877**	**2/**	**2/**	**43.0**	**2/**	**2/**	**31,426**
1986	3,393	245	830	2/	2/	50.0	2/	2/	34,583
1985	3,388	247	836	2/	2/	45.0	2/	2/	31,350
1984	3,535	250	884	7	877	62.0	45,312	362	45,674
1983	3,622	250	906	7	899	49.0	36,709	286	36,995
1982	4,040	245	991	9	982	46.0	37,643	345	37,988
1981	3,943	242	955	9	946	50.0	39,417	375	39,792
1980	3,954	239	946	10	936	46.5	36,270	388	36,658

1/Annual estimates cover the period December 1 previous year through November 30. 2/Estimates have been discontinued.

TURKEYS AND BROILERS: Production and Gross Income, Wisconsin, 1980-87

Year	Turkeys				Broilers 2/			
	Production		Price per pound	Gross income	Production		Price per pound	Gross income
	Number 1/	Quantity			Number	Quantity		
	1,000 head	1,000 pounds	Cents	1,000 dollars	1,000 head	1,000 pounds	Cents	1,000 dollars
1987	**5,450**	**148,240**	**34.0**	**50,402**	**13,200**	**55,440**	**30.5**	**16,909**
1986	6,128	164,843	41.0	67,586	11,600	48,720	34.0	16,565
1985	6,150	158,670	48.0	76,162	11,200	47,040	28.0	13,171
1984	6,120	139,536	48.0	66,977	11,500	48,300	31.0	14,973
1983	7,115	135,897	38.0	51,641	11,270	46,207	27.5	12,707
1982	6,731	131,255	36.0	47,252	11,650	48,930	26.0	12,722
1981	6,039	116,553	37.0	43,124	12,450	49,800	29.0	14,442
1980	5,045	96,914	40.0	38,766	11,390	45,560	28.5	12,985

1/Based on turkeys hatched September 1 through August 31. Excludes young turkeys lost. 2/Annual estimates cover the period December 1 previous year through November 30.

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HENS AND PULLETS OF LAYING AGE, By Months, Wisconsin, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average 1/
	Thousands												
1987	**3,682***	—	—	**3,621***	—	—	**3,535***	—	—	**3,551***	—	—	**3,597**
1986	3,360*	—	—	3,360*	—	—	3,337*	—	—	3,514*	—	—	3,393
1985	3,470	3,430	3,400	3,400	3,390	3,350	3,340	3,330	3,300	3,340	3,381	3,380	3,388
1984	3,720	3,705	3,660	3,650	3,590	3,470	3,410	3,400	3,430	3,310	3,370	3,520	3,535
1983	3,750	3,781	3,800	3,731	3,695	3,576	3,476	3,455	3,420	3,460	3,541	3,710	3,622
1982	4,176	4,226	—	4,100*	—	—	3,990*	—	—	3,900*	—	3,791	4,040
1981	3,926	3,856	3,915	3,965	3,950	3,900	3,880	3,921	3,950	3,990	4,051	4,110	3,943
1980	4,133	4,168	4,080	3,893	3,823	3,865	3,850	3,868	3,861	3,883	3,976	4,010	3,954

1/Annual average covers the period December 1 previous year through November 30. *Average layers during quarter.

EGG PRODUCTION: By Months, Wisconsin, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
	Million eggs												
1987	**196***	—	—	**218***	—	—	**234***	—	—	**229***	—	—	**877**
1986	203*	—	—	212*	—	—	211*	—	—	204*	—	—	830
1985	75	64	68	68	73	70	73	72	67	66	66	69	836
1984	75	72	78	76	75	70	73	75	73	72	68	74	884
1983	74	68	82	76	77	75	76	76	72	75	76	77	906
1982	86	78	—	254*	—	—	247*	—	—	240*	—	79	991
1981	78	68	79	80	82	78	80	80	80	85	83	86	955
1980	83	77	81	77	78	75	79	80	76	78	78	82	946

1/Annual total covers the period December 1 previous year through November 30. *Eggs produced during quarter.

HONEY AND BEESWAX: Production and Value, Wisconsin 1977-87

Year	Colonies of bees	Yield per colony	Honey			Beeswax 2/			Total value of production
			Production	Price per pound	Value of production	Production	Price per pound	Value of production	
	1,000 colonies	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 dollars
1987	**83**	**97**	**8,051**	**54.0**	**4,348**	-	-	-	-
1986*	85	50	4,250	52.0	2,210	-	-	-	-
1982 1/	-	-	-	-	-	-	-	-	-
1981	125	33	4,125	64.0	2,640	87	194.0	169	2,809
1980	125	48	6,000	58.0	3,480	114	186.0	212	3,692
1979	135	65	8,775	57.6	5,054	123	181.0	223	5,277
1978	124	51	6,324	52.6	3,326	114	179.0	204	3,530
1977	125	77	9,625	51.3	4,938	164	165.0	271	5,209

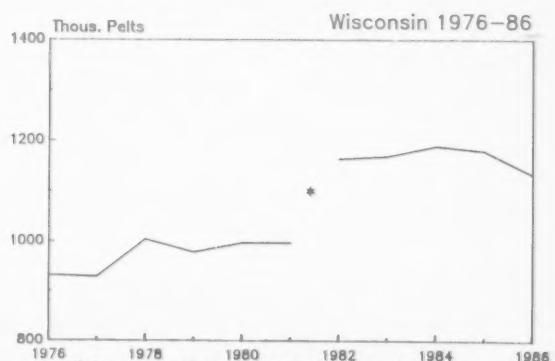
1/Estimates discontinued 1982 through 1985. 2/Estimates discontinued after 1981. *Revised.

MINK: Number of Ranches, Pelts Produced, and Females Bred, Wisconsin, 1980-87

Year	Mink ranches	Pelts produced	Females bred
	Number	Thousands	
1987	**NA**	**NA**	**295**
1986	228	1,133	291
1985	235	1,179	313
1984	241	1,189	310
1983	252	1,169	315
1982	263	1,164	1/
1981	1/	1/	296
1980	267	997	282

1/Mink survey not conducted in 1982. NA = not available.

MINK PELT PRODUCTION*



*Mink survey not conducted in 1982 for 1981. Reinstated April, 1983

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Dairy

Milk production in Wisconsin during 1987 totaled 24.8 billion pounds, up 1 percent from 1986 due to a higher output in the second half of the year. Production of milk from January through June was 1 percent below that period in 1986, but increased nearly 4 percent from July through December.

Milk cow numbers declined during 1987 as the Dairy Termination Program (Whole Herd Buyout) ended on August 31, 1987. The state's dairy herd averaged 1,795,000 cows for 1987, down 58,000 head from the previous year. Production per cow averaged 13,816 pounds in 1987, a gain of 594 pounds from 1986. There were 37,000 dairy farms in Wisconsin during 1987, down 2,000 farms from a year earlier.

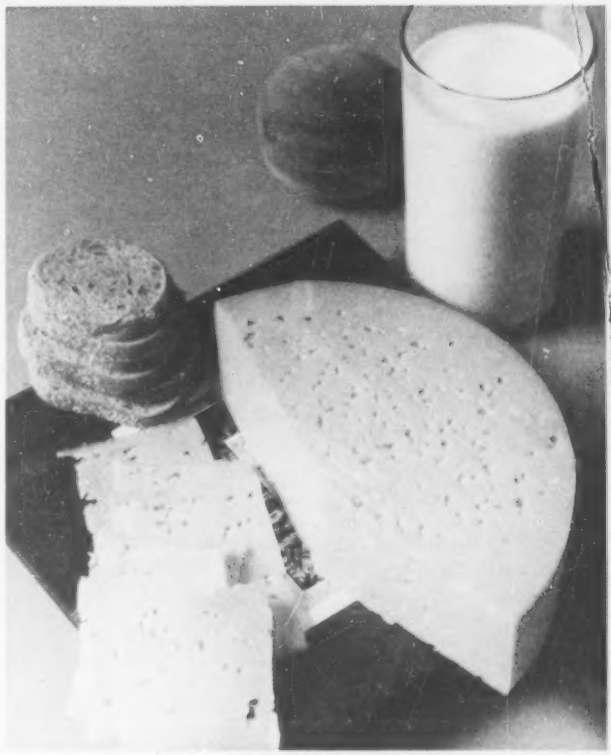
Receipts from dairying totaled $3.0 billion in 1987, up 1 percent from 1986 as increased marketings offset slightly lower milk prices. Monthly milk prices averaged $12.15 a hundredweight for 1987, a decline of 1 cent from the previous year. Milk prices began the year averaging $12.81 a hundredweight but gradually dipped to $11.67 by June. At the year's end farmers were getting $12.26 a hundredweight for milk. These were prices paid by dairy plants before any deductions for hauling or assessments.

The annual quantity of grain and other concentrates fed per milk cow in 1987 was 5,250 pounds, 7 percent above the 4,890 pounds fed in 1986. The ration value averaged $6.94 per hundred pounds for 1987, 9 cents below 1986. Dairy plants in Wisconsin manufactured 1.87 billion pounds of cheese in 1987, an increase of 3 percent from 1986.

Wisconsin accounted for 35 percent of the national cheese output. American cheese production amounted to 1.03 billion pounds for 1987, down 5 percent from the previous year. Fifty-five percent of all cheese made in Wisconsin was American. Italian cheese production reached another record high of 599.8 million pounds during 1987, a gain of nearly 18 percent from 1986.

Production of Italian cheese has increased 54 percent in the past five years. Italian varieties accounted for 32 percent of all cheese produced in 1987 compared with 22 percent in 1983. Output of Swiss cheese totaled 46.9 million pounds for 1987, up nearly 10 percent from a year earlier.

Muenster cheese production of 82 million pounds was 6 percent above 1986 and a record high. Production of Brick cheese nearly doubled in 1987 as 11.9 million



pounds were produced. Output of Blue cheese was 19.8 million pounds, 3 percent above 1986.

Processed cheese production totaled 650.1 million pounds, nearly 4 percent below 1986 output. There were 205.7 million pounds of processed cheese foods and spreads produced in 1987, a gain of more than 13 percent from the previous year. Cold pack cheese production, at 79.3 million pounds during 1987, was 6 percent below 1986.

Wisconsin's 1987 butter production of 261.5 million pounds declined nearly 5 percent from 1986. The state accounted for 24 percent of the national butter output. Nonfat dry milk production for human food totaled 60.5 million in 1987, down 37 percent from 1986 and the lowest level produced since 1937.

Production of sweetened and unsweetened condensed whole and skim milk during 1987 was about 9 percent higher than a year ago. Ice cream production of 25.4 million gallons in 1987 was more than 10 percent above 1986. Whey solids processed during 1987 totaled 675.1 million pounds, up 5 percent from the previous year.

DISPOSITION OF MILK PRODUCED, Wisconsin, 1980-87

Year	Milk used on farms where produced			Milk sold from farms		
	Fed to calves	Consumed as milk or cream	Total	To plants and dealers	Direct to consumers	Total
	Million pounds					
1987	**248**	**124**	**372**	**24,420**	**8**	**24,428**
1986*	319	122	441	24,050	9	24,059
1985	346	124	470	24,220	10	24,230
1984	427	173	600	22,890	11	22,901
1983	390	167	557	23,230	13	23,243
1982	381	156	537	22,680	13	22,693
1981	371	156	527	22,460	13	22,473
1980	365	157	522	21,845	13	21,858

*Revised.

SALES AND INCOME FROM MILK, Wisconsin, 1980-87

Year	Milk sold to plants and dealers at wholesale			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Value	Quantity (milk equivalent)	Price per quart	Value
	Million pounds	Dollars	1,000 dollars	Million quarts	Cents	1,000 dollars
1987	**24,420**	**12.15**	**2,967,030**	**4**	**42**	**1,563**
1986*	24,050	12.16	2,924,480	4	41	1,716
1985	24,220	12.27	2,971,794	5	42	1,953
1984	22,890	13.13	3,005,457	5	41	2,098
1983	23,230	13.23	3,073,329	6	41	2,479
1982	22,680	13.22	2,998,296	6	40	2,419
1981	22,460	13.38	3,005,148	6	40	2,419
1980	21,845	12.67	2,767,762	6	39	2,358

Year	Combined value of milk and cream sold and direct sales				Value of milk consumed in households where produced	Value of milk fed to calves	Value of milk produced on farms
	Milk utilized	Per 100 pounds milk	Per pound milkfat	Value			
	Million pounds	Dollars	Dollars	1,000 dollars	1,000 dollars		
1987	**24,428**	**12.15**	**3.29**	**2,968,593**	**15,069**	**30,138**	**3,013,800**
1986*	24,059	12.16	3.27	2,926,196	14,838	38,799	2,979,833
1985	24,230	12.27	3.31	2,973,747	15,219	42,465	3,031,431
1984	22,901	13.13	3.51	3,007,555	22,720	56,077	3,086,352
1983	23,243	13.23	3.55	3,075,808	22,100	51,690	3,149,598
1982	22,693	13.22	3.55	300,715	20,628	50,380	3,071,723
1981	22,473	13.38	3.61	3,007,567	20,878	49,650	3,078,095
1980	21,858	12.67	3.40	2,770,120	19,897	46,257	2,836,274

*Revised.

MILK COWS: Percent of Fat in Milk, and Production of Milk and Milkfat, Wisconsin, 1980-87

Year	Average number of milk cows on farms 1/	Production per milk cow		Percent of fat in milk	Total production	
		Milk	Milkfat		Milk	Milkfat
	1,000 head	Pounds		Percent	Million pounds	
1987	**1,795**	**13,816**	**510**	**3.69**	**24,800**	**915**
1986*	1,853	13,222	492	3.72	24,500	911
1985	1,876	13,166	488	3.71	24,700	916
1984	1,828	12,856	481	3.74	23,501	879
1983	1,845	12,900	481	3.73	23,800	888
1982	1,835	12,659	472	3.73	23,230	867
1981	1,825	12,603	468	3.71	23,000	853
1980	1,815	12,331	460	3.73	22,380	835

1/Excludes heifers not yet fresh. *Revised.

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MILK COWS: Production Per Cow, And Total Milk Production, By Counties, Wisconsin, 1986-87

County	1987 1/				1986 2/		
	Number of cows 3/	Milk per cow	Production		Number of cows 3/	Milk per cow	Total Production
			Quantity	Rank			
	Number	Pounds	1,000 pounds		Number	Pounds	1,000 pounds
Barron	47,700	13,300	634,420	12	49,000	12,800	627,200
Bayfield	4,900	13,100	64,190	61	5,500	12,500	68,750
Burnett	6,100	13,200	80,520	60	7,000	12,200	85,400
Chippewa	54,800	13,700	750,770	7	54,600	13,100	715,260
Douglas	1,500	12,800	19,200	66	1,800	11,900	21,420
Polk	33,200	13,800	458,170	24	34,900	13,100	457,190
Rusk	18,100	12,100	219,010	44	18,400	12,100	222,640
Sawyer	3,200	13,500	43,200	64	3,400	12,400	42,160
Washburn	6,100	14,300	87,230	58	6,900	13,200	91,080
N. W. District	**175,600**	**13,421**	**2,356,710**		**181,500**	**12,844**	**2,331,100**
Ashland	3,500	13,300	46,550	63	4,000	12,500	50,000
Clark	67,100	13,500	905,860	2	69,500	13,400	931,300
Iron	400	12,400	4,960	68	400	12,200	4,880
Lincoln	10,300	13,700	141,110	53	11,400	12,700	144,780
Marathon	76,900	14,300	1,099,680	1	80,500	13,700	1,102,850
Oneida	200	12,300	2,460	70	200	12,100	2,420
Price	7,500	11,800	88,500	57	8,400	11,500	96,600
Taylor	27,500	14,300	393,260	29	28,700	13,100	375,970
Vilas	—	—	—	—	—	—	—
N. C. District	**193,400**	**13,870**	**2,682,380**		**203,100**	**13,337**	**2,708,800**
Florence	800	14,600	11,680	67	900	13,500	12,150
Forest	1,500	13,000	19,500	65	1,700	12,900	21,930
Langlade	11,200	13,900	155,680	49	11,700	13,300	155,610
Marinette	14,800	13,700	202,760	45	15,600	12,700	198,120
Oconto	28,300	14,300	404,700	28	29,000	13,400	388,600
Shawano	50,100	13,500	676,360	10	51,600	13,300	686,280
N. E. District	**106,700**	**13,783**	**1,470,680**		**110,500**	**13,237**	**1,462,690**
Buffalo	30,300	14,000	424,210	27	31,300	13,200	413,160
Dunn	41,200	14,300	589,170	13	43,100	13,400	577,540
Eau Claire	20,400	13,000	265,200	38	20,000	12,800	256,000
Jackson	18,000	13,000	234,000	43	17,800	12,700	226,060
La Crosse	17,500	13,900	243,250	41	18,400	13,300	244,720
Monroe	38,000	13,200	501,610	20	38,300	12,900	494,070
Pepin	10,900	13,100	142,790	52	11,100	12,600	139,860
Pierce	26,400	13,300	351,120	33	28,200	12,900	363,780
St. Croix	35,500	14,700	521,860	19	36,700	13,900	510,130
Trempealeau	38,000	12,800	486,410	22	40,400	12,800	517,120
W. C. District	**276,200**	**13,612**	**3,759,620**		**285,300**	**13,118**	**3,742,440**
Adams	3,400	13,700	46,580	62	3,800	13,100	49,780
Green Lake	14,200	13,500	191,700	48	14,600	13,300	194,180
Juneau	15,300	12,700	194,310	47	15,800	12,100	191,180
Marquette	8,100	14,700	119,070	55	8,200	13,600	111,520
Portage	17,400	13,900	241,860	42	17,400	13,600	236,640
Waupaca	36,200	13,800	499,570	21	37,700	13,500	508,950
Waushara	10,100	13,300	134,330	54	10,000	12,900	129,000
Wood	26,500	14,100	373,650	31	26,800	13,500	361,800
C. District	**131,200**	**13,728**	**1,801,070**		**134,300**	**13,277**	**1,783,050**
Brown	39,800	13,400	533,330	17	40,800	13,400	546,720
Calumet	31,700	14,800	469,170	23	33,000	14,000	462,000
Door	14,200	13,800	195,960	46	15,100	13,200	199,320
Fond du Lac	52,900	14,400	761,770	6	53,600	13,900	745,040
Kewaunee	30,900	14,000	432,610	25	31,500	13,400	422,100
Manitowoc	47,300	14,300	676,400	9	48,900	13,600	665,040
Outagamie	47,900	14,200	680,190	8	49,500	13,600	673,200
Sheboygan	30,500	14,000	427,010	26	31,600	13,100	413,960
Winnebago	21,800	14,000	305,200	37	23,100	13,200	304,920
E. C. District	**317,000**	**14,138**	**4,481,640**		**327,100**	**13,550**	**4,432,300**

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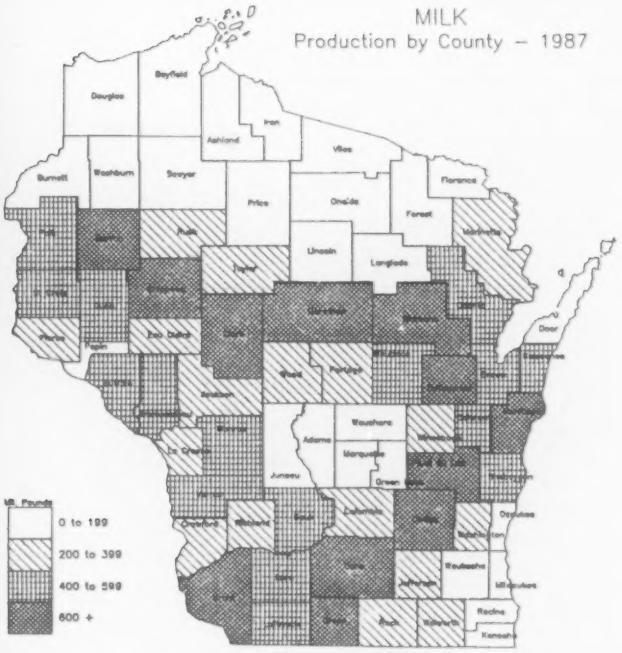
MILK COWS: Production Per Cow, And Total Milk Production, By Counties, Wisconsin, 1986-87, Continued

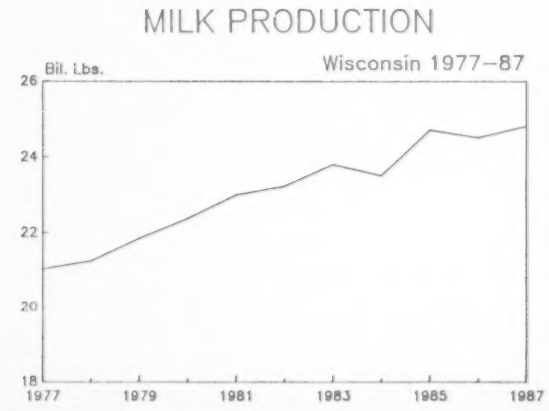
County	1987 1/				1986 2/		
	Number of cows 3/	Milk per cow	Production		Number of cows 3/	Milk per cow	Total Production
			Quantity	Rank			
	Number	Pounds	1,000 pounds		Number	Pounds	1,000 pounds
Crawford	19,200	12,900	247,680	40	19,400	12,300	238,620
Grant	63,800	13,900	886,830	3	65,600	13,100	859,360
Iowa	38,900	13,700	532,940	18	39,400	13,100	516,140
Lafayette	41,900	13,600	569,850	15	41,900	12,700	532,130
Richland	25,400	13,400	340,360	35	25,500	13,000	331,500
Sauk	37,900	14,300	541,980	16	39,200	13,400	525,280
Vernon	44,500	13,000	578,510	14	45,700	12,100	552,970
S. W. District	**271,600**	**13,616**	**3,698,150**		**276,700**	**12,851**	**3,556,000**
Columbia	25,800	14,300	368,940	32	26,900	13,700	368,530
Dane	62,300	14,100	878,440	4	66,300	13,500	895,050
Dodge	57,500	14,400	828,010	5	57,600	13,700	789,120
Green	47,800	13,900	664,430	11	47,900	13,100	627,490
Jefferson	27,100	13,900	376,690	30	29,200	13,100	382,520
Rock	23,800	14,700	349,860	34	25,000	13,600	340,000
S. C. District	**244,300**	**14,189**	**3,466,370**		**252,900**	**13,455**	**3,402,710**
Kenosha	6,100	13,400	81,740	59	6,100	13,300	81,130
Milwaukee	300	13,000	3,900	69	400	12,300	4,920
Ozaukee	10,700	13,600	145,520	51	11,100	13,200	146,520
Racine	8,000	13,700	109,600	56	9,000	13,400	120,600
Walworth	18,600	14,000	260,400	39	18,800	13,100	246,280
Washington	24,600	13,600	334,560	36	25,100	13,300	333,830
Waukesha	10,700	13,800	147,660	50	11,100	13,300	147,630
S. E. District	**79,000**	**13,714**	**1,083,380**		**81,600**	**13,246**	**1,080,910**
State	**1,795,000**	**13,816**	**24,800,000**		**1,853,000**	**13,222**	**24,500,000**

1/Preliminary. 2/Revised. 3/Average number of milk cows on farms during year, excluding heifers not yet fresh.



MILK COWS; Percent of Operations By Size Group, Wisconsin, 1983-87

Year	Operations having:			
	1-29 head	30-49 head	50-99 head	100+ head
	Percent			
1987	**24.1**	**39.5**	**31.1**	**5.4**
1986	26.1	39.0	30.0	4.9
1985	27.8	39.5	28.3	4.4
1984	29.5	40.2	26.3	4.0
1983	30.5	40.4	25.2	3.9



MILK PRODUCTION, By Months, Wisconsin, 1980-87

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Million pounds												
1987	**1,966**	**1,832**	**2,105**	**2,106**	**2,280**	**2,202**	**2,178**	**2,112**	**2,006**	**2,035**	**1,930**	**2,048**	**24,800**
1986**	2,039	1,859	2,109	2,092	2,276	2,232	2,189	2,116	1,938	1,927	1,814	1,909	24,500
1985	1,932	1,764	2,023	2,031	2,255	2,246	2,266	2,210	2,031	2,038	1,915	1,989	24,700
1984	1,934	1,825	2,029	2,006	2,152	2,117	2,060	1,977	1,883	1,871	1,773	1,874	23,501
1983	1,941	1,813	2,044	2,046	2,186	2,157	2,104	2,020	1,912	1,904	1,795	1,878	23,800
1982 1/	1,885	1,757	1,997	—	6,254*	—	—	5,912*	—	—	5,425*	—	23,230
1981	1,866	1,749	2,005	2,005	2,143	2,098	2,043	1,953	1,818	1,800	1,709	1,811	23,000
1980	1,777	1,731	1,922	1,922	2,086	2,077	2,006	1,889	1,771	1,762	1,673	1,764	22,380

1/1982 estimates were made quarterly after March. *Quarterly totals. **Revised.

MILK COW NUMBERS, By Months, Wisconsin, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	1,000 head												
1987	**1,820**	**1,814**	**1,807**	**1,800**	**1,795**	**1,790**	**1,785**	**1,782**	**1,783**	**1,785**	**1,787**	**1,789**	**1,795**
1986**	1,888	1,878	1,875	1,868	1,858	1,852	1,847	1,840	1,837	1,835	1,832	1,827	1,853
1985	1,840	1,838	1,839	1,855	1,879	1,895	1,896	1,889	1,889	1,896	1,896	1,894	1,876
1984	1,842	1,825	1,820	1,824	1,824	1,825	1,823	1,822	1,828	1,834	1,837	1,837	1,828
1983	1,840	1,841	1,841	1,843	1,845	1,844	1,846	1,845	1,847	1,849	1,851	1,850	1,845
1982 1/	1,830	1,830	1,832	—	1,834*	—	—	1,836*	—	—	1,839*	—	1,835
1981	1,820	1,822	1,823	1,823	1,824	1,824	1,824	1,825	1,827	1,827	1,828	1,829	1,825
1980	1,813	1,813	1,813	1,813	1,814	1,814	1,815	1,816	1,816	1,817	1,818	1,819	1,815

1/1982 estimates were made quarterly after March. *Quarterly average. **Revised.

MILK PRODUCTION PER COW, By Months, Wisconsin, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Pounds												
1987	**1,080**	**1,010**	**1,165**	**1,170**	**1,270**	**1,230**	**1,220**	**1,185**	**1,125**	**1,140**	**1,080**	**1,145**	**13,816**
1986**	1,080	990	1,125	1,120	1,225	1,205	1,185	1,150	1,055	1,050	990	1,045	13,222
1985	1,050	960	1,100	1,095	1,200	1,185	1,195	1,170	1,075	1,075	1,010	1,050	13,166
1984	1,050	1,000	1,115	1,100	1,180	1,160	1,130	1,085	1,030	1,020	965	1,020	12,856
1983	1,055	985	1,110	1,110	1,185	1,170	1,140	1,095	1,035	1,030	970	1,015	12,900
1982 1/	1,030	960	1,090	—	3,410*	—	—	3,220*	—	—	2,950 *	—	12,659
1981	1,025	960	1,100	1,100	1,175	1,150	1,120	1,070	995	985	935	990	12,603
1980	980	955	1,060	1,060	1,150	1,145	1,105	1,040	975	970	920	970	12,331

1/1982 estimates were made quarterly after March. *Quarterly totals. **Revised.

COWS FRESHENING, By Months, Wisconsin, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Percent of total freshenings 1/											
1987	**8.3**	**8.4**	**8.7**	**9.5**	**8.3**	**9.2**	**7.8**	**7.2**	**7.8**	**8.1**	**8.9**	**7.8**
1986	8.4	9.3	8.2	9.2	8.8	7.1	6.4	8.3	8.4	7.4	9.7	8.8
1985	9.3	9.0	8.0	9.2	8.6	7.9	7.0	7.2	7.2	8.5	7.2	10.9
1984	8.5	7.8	7.8	7.0	6.8	8.2	8.1	8.5	9.3	8.9	8.7	10.4
1983	9.3	8.7	7.8	8.8	8.2	7.2	7.8	7.6	7.4	8.7	9.2	9.3
1982	9.8	9.0	8.6			2/ 21.9			3/ 23.1			4/ 27.6
1981	9.2	8.3	8.1	8.4	8.1	7.7	7.1	7.5	8.2	9.4	9.0	9.0
1980	8.8	8.9	8.8	8.9	8.5	7.4	7.1	7.1	7.6	9.1	9.1	8.7

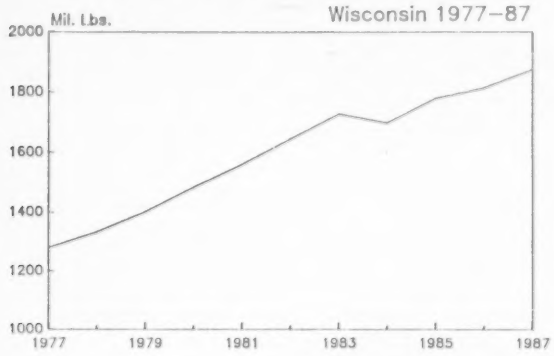
1/Monthly distribution is adjusted for balance to 100 percent for the year, which attributes freshening during the 12 months to the average number of milk cows and heifers two years old and over in the herds of Wisconsin dairy reporters. 2/Percent for April, May, and June quarter. 3/Percent for July, August, and September quarter. 4/Percent for October, November, and December quarter.

BUTTER AND CHEESE PRODUCTION, Wisconsin, 1980-87

Year	Butter	Total cheese 1/	American 2/	Swiss	Brick and Muenster	Italian	Blue
	1,000 pounds						
1987	**261,493**	**1,874,492**	**1,031,110**	**46,946**	**93,889**	**599,765**	**19,764**
1986	273,939	1,813,542	1,081,188	42,768	83,483	510,139	19,113
1985	295,582	1,778,265	1,089,231	40,868	77,530	484,132	19,661
1984	273,002	1,698,150	1,063,716	37,534	70,371	441,163	18,544
1983	304,672	1,728,332	1,158,909	36,138	61,574	388,664	17,113
1982	288,598	1,644,529	1,111,333	36,672	66,163	343,938	17,802
1981	295,178	1,560,171	1,081,920	37,871	61,914	306,796	18,112
1980	289,178	1,484,251	993,926	38,830	65,862	312,461	18,407

1/Includes cream cheese, Blue cheese, and other miscellaneous types of cheese. Does not include cottage cheese. 2/Includes Colby and all other whole-milk-type American cheese.

TOTAL CHEESE PRODUCTION



ICE CREAM, ICE MILK, AND COTTAGE CHEESE Wisconsin, 1980-87

Year	Ice cream	Ice milk	Cottage cheese		
			Curd	Creamed	Lowfat
	1,000 gallons		1,000 pounds		
1987	**25,434**	**6,268**	**28,614**	**33,397**	**9,516**
1986	23,061	4,510	27,929	36,353	8,256
1985	21,651	5,410	28,399	38,216	7,525
1984	22,231	4,914	31,236	44,465	6,978
1983	20,941	5,894	28,245	40,320	6,153
1982	20,828	6,076	32,943	47,571	6,171
1981	20,861	6,098	40,778	60,647	6,588
1980	21,580	7,085	45,144	68,652	5,361

CONDENSED DAIRY PRODUCTS, Wisconsin, 1980-87

Year	Whole milk			Skim milk			Condensed buttermilk
	Condensed (bulk goods)			Condensed (bulk goods)			
	Sweetened	Unsweetened	Total	Sweetened	Unsweetened	Total	
	1,000 pounds						
1987	**73,515**	**124,352**	**197,867**	**56,601**	**120,698**	**177,299**	**41,415**
1986	67,320	127,538	194,858	52,093	119,622	171,715	28,009
1985	64,239	121,033	185,272	45,218	71,964	117,182	24,606
1984	59,575	86,161	145,736	41,834	94,840	136,674	25,563
1983	53,087	65,915	119,002	42,345	44,695	87,040	33,499
1982	48,136	76,017	124,153	40,808	66,578	107,386	32,469
1981	51,892	52,843	104,735	38,287	93,501	131,788	31,189
1980	46,376	37,883	84,259	38,051	93,677	131,728	31,357

DRIED DAIRY PRODUCTS, Wisconsin, 1980-87

Year	Whole milk	Nonfat dry milk			Buttermilk	Malted milk powder
		Human food	Animal feed	Total		
		1,000 pounds				
1987	1/	**60,477**	**458**	**60,935**	**3,105**	**7,112**
1986	1/	95,618	538	96,156	6,169	9,307
1985	1/	123,158	492	123,650	10,618	10,702
1984	1/	101,997	467	102,464	9,137	8,807
1983	1/	129,157	505	129,662	10,833	9,245
1982	1/	134,730	484	135,214	11,223	6,606
1981	1/	143,268	811	144,079	14,844	8,393
1980	1/	118,624	677	119,301	14,365	8,102

1/Not published to avoid disclosure of individual plant operations.

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WHEY PRODUCTS, Wisconsin, 1983-87

Year	Dry whey 1/		Lactose		Whey solids in wet blends		Whey protein concentrate	
	Human food	Animal feed	Human food	Animal feed	Human food	Animal feed	Human food	Animal feed
	1,000 pounds solids							
1987	**327,885**	**161,805**	**56,114**	**2/**	**2/**	**72,891**	**14,934**	**2/**
1986	385,755	100,788	45,668	2/	2/	54,620	16,715	2/
1985	367,543	116,657	33,313	2/	6,512	49,312	25,221	2/
1984	334,034	107,308	34,315	2/	7,790	52,777	21,491	2/
1983	275,772	123,480	25,191	2/	6,929	50,913	16,440	2/

1/Includes reduced lactose and reduced minerals whey. 2/Production not shown in order to maintain confidentiality of individual plants.

DAIRY PLANTS MAKING SELECTED PRODUCTS, Wisconsin, 1981-87 1/

Product	1987	1986	1985	1984	1983	1982	1981
	Number of dairy plants						
Butter (including whey butter)	**21**	23	25	25	26	30	32
Cheese							
American	**168**	179	198	214	229	234	249
Swiss	**18**	19	22	21	21	20	21
Muenster	**39**	41	48	41	41	39	46
Brick	**25**	29	32	30	28	29	32
Limburger	**2/**	2/	2/	2/	2/	2/	2/
Italian	**58**	56	58	57	59	59	57
Total cheese	**249**	264	284	296	306	314	331
Dry products							
Nonfat dry milk (spray process)	**10**	10	11	10	10	12	14
Dry whole milk	**2/**	2/	2/	2/	2/	2/	2/
Dry buttermilk	**4**	3	6	6	6	6	9
Dry whey	**18**	20	22	24	21	21	23
Ice cream	**31**	30	33	34	34	35	35
Ice cream mix	**16**	22	23	22	21	24	23

1/Includes only plants actually making specified product. 2/Not published to avoid disclosure of individual plants.

DAIRY CATTLE AND CALVES: Shipped out of Wisconsin to International Markets, 1984-87

Country	1987	1986	1985	1984
	Number			
N. America				
Canada	**177**	173	65	237
Mexico	**887**	2,705	11,045	5,512
C. America				
El Salvador	**2**	48	613	352
Guatemala	**—**	—	—	34
Honduras	**46**	33	166	—
Nicaragua	**—**	—	16	—
Caribbean				
Dominican Republic	**101**	203	1	2
Haiti	**38**	—	—	—
Puerto Rico	**42**	—	31	—
S. America				
Argentina	**13**	9	4	4
Brazil	**159**	374	5	5
Colombia	**251**	132	—	88
Ecuador	**115**	173	139	1
Peru	**228**	11	15	—
Venezuela	**385**	1,371	610	360
W. Europe				
Netherlands	**1**	—	—	—
Spain	**—**	12	—	—
United Kingdom	**1**	—	—	—
Africa				
Morocco	**1,186**	—	—	—
Tunisia	**—**	—	—	116
E. Europe				
Hungary	**2**	—	1	—
Asia				
Abu Dhabi	**86**	—	—	—
Australia	**—**	—	—	3
China (mainland)	**—**	193	259	—
Iraq	**4,477**	—	—	—
Japan	**64**	162	9	4
Korea	**10**	—	126	265
Kuwait	**127**	—	—	—
Saudi Arabia	**—**	210	176	441
Taiwan	**582**	633	368	58
Thailand	**247**	—	—	—
Turkey	**678**	—	—	—
Total 1/	**9,905**	6,442	13,649	7,482

1/Does not include cattle and calves shipped to other states and inspected there for export to international markets.

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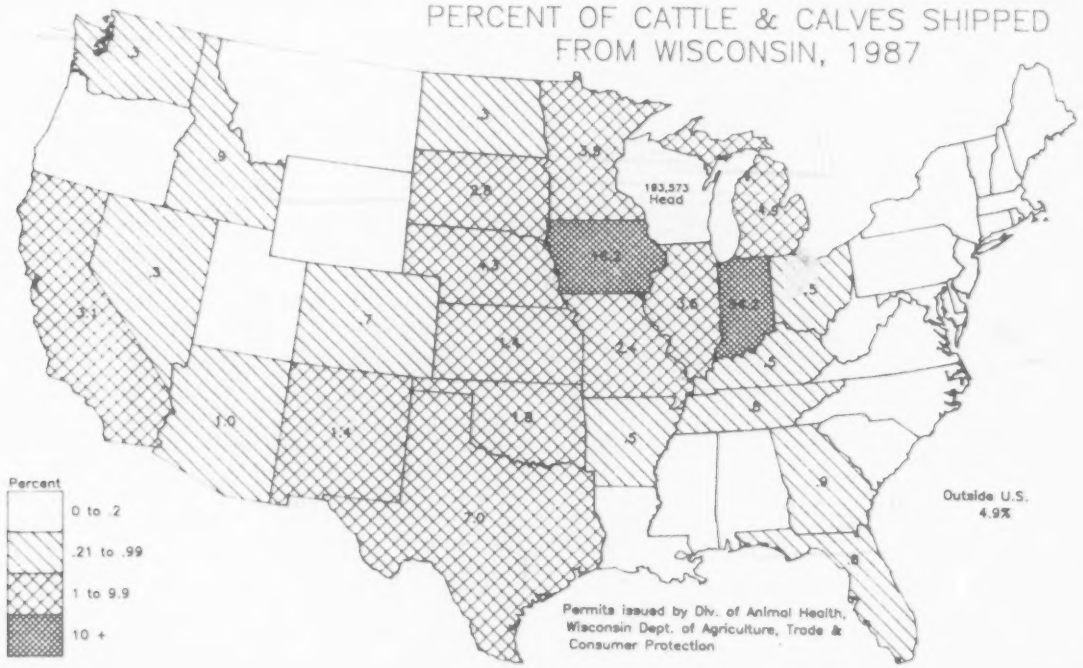
CATTLE AND CALVES: Shipped Out of Wisconsin, 1984-87 1/

State	1987	1986	1985	1984
	Number			
Rhode Island	-	-	1	1
New Hamp.	-	10	-	1
Maine	4	1	3	4
Vermont	12	3	83	4
Mass.	1	21	14	1
Connecticut	5	13	1	-
New York	101	106	311	182
New Jersey	1	-	127	1
Pennsylvania	347	169	420	290
N. Atlantic	471	323	960	484
Ohio	1,077	3,246	3,137	1,702
Indiana	69,544	69,988	62,374	40,767
Illinois	7,162	6,203	6,318	5,798
Michigan	9,998	6,880	8,731	7,287
E. N. Central	87,781	86,317	80,560	55,554
Minnesota	7,105	4,837	5,601	6,446
Iowa	33,041	22,625	22,627	11,982
Missouri	4,904	3,666	4,366	3,423
North Dakota	558	585	509	740
South Dakota	5,651	3,019	3,995	3,014
Nebraska	8,693	4,413	4,737	3,290
Kansas	2,938	3,070	2,441	2,606
W. N. Central	62,890	42,215	44,276	31,501
Delaware	-	5	-	-
Maryland	9	13	77	4
Virginia	224	117	183	80
West Virginia	133	-	-	1
N. Carolina	174	66	271	252
S. Carolina	85	71	1,380	64
Georgia	1,792	1,528	2,233	866
Florida	1,556	1,269	1,733	416
S. Atlantic	3,973	3,069	5,877	1,683

State	1987	1986	1985	1984
	Number			
Kentucky	1,028	935	2,882	1,478
Tennessee	1,600	1,409	2,079	702
Alabama	76	232	194	198
Mississippi	363	1,315	259	140
Arkansas	1,069	907	391	157
Louisiana	287	313	561	346
Oklahoma	3,675	3,117	2,132	1,182
Texas	14,235	9,854	7,038	4,642
S. Central	22,333	18,082	15,536	8,845
Montana	341	483	221	179
Idaho	1,854	545	368	557
Wyoming	52	75	271	64
Colorado	1,445	650	1,040	609
New Mexico	2,923	1,266	1,501	1,060
Arizona	1,937	743	1,307	948
Utah	119	29	14	141
Nevada	659	204	138	-
Washington	582	75	557	712
Oregon	6	134	150	2
California	6,207	3,725	2,917	1,317
Western	16,125	7,929	8,484	5,589
U.S.	193,573	157,935	155,693	103,656
Outside U.S. 2/	9,905	6,442	13,649	7,482
Total	203,478	164,377	169,342	111,138

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection.
2/Does not include cattle and calves shipped to other states and inspected there for export to international markets.


PERCENT OF CATTLE & CALVES SHIPPED FROM WISCONSIN, 1987
183,573 Head
Outside U.S. 4.9%
Percent
0 to .2
.21 to .99
1 to 9.9
10 +
Permits issued by Div. of Animal Health, Wisconsin Dept. of Agriculture, Trade & Consumer Protection

AVERAGE PRICES AND TESTS FOR MILK MARKETED FROM FARMS, By Months, Wisconsin, 1983-87

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						ALL MILK							
						Dollars per hundredweight							
1987	**12.81**	**12.38**	**12.09**	**11.93**	**11.77**	**11.67**	**11.68**	**11.90**	**12.38**	**12.63**	**12.53**	**12.26**	**12.15**
1986	12.08	11.97	11.91	11.77	11.66	11.56	11.59	11.97	12.59	12.99	13.20	13.12	12.16
1985	13.49	13.27	12.89	12.49	12.12	11.76	11.53	11.60	11.88	12.20	12.25	12.23	12.27
1984	13.07	12.92	12.93	12.87	12.81	12.67	12.70	12.85	13.58	13.87	13.98	13.67	13.13
1983	13.47	13.41	13.34	13.33	13.20	13.00	12.86	12.86	13.21	13.49	13.59	13.23	13.23
						Percent milkfat							
1987	**3.78**	**3.76**	**3.74**	**3.70**	**3.63**	**3.55**	**3.50**	**3.53**	**3.69**	**3.84**	**3.85**	**3.82**	**3.69**
1986	3.81	3.78	3.77	3.71	3.66	3.58	3.55	3.59	3.73	3.82	3.86	3.83	3.72
1985	3.84	3.82	3.78	3.73	3.63	3.56	3.51	3.56	3.69	3.83	3.85	3.86	3.71
1984	3.84	3.79	3.79	3.76	3.72	3.62	3.59	3.57	3.72	3.82	3.88	3.86	3.74
1983	3.81	3.78	3.76	3.77	3.72	3.61	3.54	3.53	3.70	3.84	3.88	3.89	3.73
						MARKET MILK							
						Dollars per hundredweight							
1987	**12.94**	**12.53**	**12.22**	**12.05**	**11.89**	**11.80**	**11.81**	**12.02**	**12.52**	**12.79**	**12.67**	**12.40**	**12.28**
1986	12.16	12.06	11.99	11.85	11.74	11.66	11.69	12.08	12.71	13.10	13.32	13.24	12.26
1985	13.61	13.38	13.00	12.61	12.22	11.86	11.65	11.71	11.97	12.28	12.32	12.32	12.38
1984	13.17	13.00	13.01	12.95	12.90	12.76	12.81	12.95	13.71	13.98	14.12	13.78	13.24
1983	13.55	13.50	13.42	13.42	13.29	13.09	12.96	12.94	13.28	13.55	13.66	13.34	13.32
						Percent milkfat							
1987	**3.77**	**3.75**	**3.73**	**3.69**	**3.62**	**3.54**	**3.49**	**3.52**	**3.68**	**3.83**	**3.84**	**3.81**	**3.68**
1986	3.80	3.77	3.76	3.70	3.64	3.57	3.54	3.58	3.72	3.80	3.84	3.82	3.71
1985	3.83	3.82	3.77	3.72	3.62	3.55	3.50	3.55	3.67	3.81	3.83	3.85	3.70
1984	3.83	3.78	3.79	3.75	3.71	3.61	3.58	3.56	3.71	3.81	3.87	3.85	3.73
1983	3.80	3.78	3.75	3.76	3.71	3.60	3.53	3.52	3.68	3.83	3.87	3.88	3.72
						MANUFACTURING MILK							
						Dollars per hundredweight							
1987	**12.36**	**11.84**	**11.67**	**11.54**	**11.40**	**11.27**	**11.24**	**11.48**	**11.91**	**12.07**	**12.00**	**11.75**	**11.68**
1986	11.82	11.70	11.64	11.53	11.41	11.29	11.28	11.63	12.21	12.63	12.80	12.71	11.83
1985	13.11	12.92	12.54	12.14	11.86	11.48	11.19	11.28	11.61	11.96	12.02	11.96	11.96
1984	12.80	12.69	12.71	12.65	12.59	12.45	12.43	12.58	13.24	13.54	13.58	13.32	12.85
1983	13.23	13.15	13.11	13.08	12.97	12.77	12.61	12.65	13.01	13.34	13.38	12.90	13.00
						Percent milkfat							
1987	**3.82**	**3.79**	**3.77**	**3.73**	**3.67**	**3.58**	**3.52**	**3.56**	**3.72**	**3.89**	**3.91**	**3.87**	**3.73**
1986	3.85	3.82	3.80	3.75	3.70	3.61	3.57	3.62	3.78	3.89	3.91	3.88	3.75
1985	3.85	3.82	3.79	3.75	3.67	3.60	3.54	3.59	3.73	3.89	3.92	3.91	3.74
1984	3.85	3.80	3.80	3.78	3.74	3.65	3.61	3.59	3.75	3.86	3.92	3.88	3.76
1983	3.82	3.79	3.78	3.78	3.74	3.63	3.57	3.57	3.74	3.88	3.91	3.91	3.75
						ALL CHEESE							
						Dollars per hundredweight							
1987	**12.38**	**11.86**	**11.69**	**11.56**	**11.42**	**11.29**	**11.24**	**11.48**	**11.91**	**12.08**	**12.01**	**11.76**	**11.70**
1986	11.84	11.72	11.67	11.55	11.44	11.31	11.31	11.65	12.23	12.65	12.83	12.74	11.86
1985	13.13	12.94	12.55	12.16	11.88	11.50	11.20	11.28	11.63	11.98	12.04	11.98	11.98
1984	12.83	12.71	12.73	12.67	12.61	12.47	12.45	12.59	13.26	13.57	13.60	13.34	12.87
1983	13.25	13.16	13.12	13.10	12.98	12.79	12.62	12.67	13.02	13.36	13.39	12.92	13.01
						Percent milkfat							
1987	**3.82**	**3.79**	**3.78**	**3.74**	**3.67**	**3.58**	**3.52**	**3.57**	**3.72**	**3.89**	**3.91**	**3.87**	**3.73**
1986	3.85	3.82	3.81	3.76	3.70	3.62	3.58	3.63	3.78	3.89	3.92	3.89	3.76
1985	3.85	3.82	3.79	3.75	3.67	3.60	3.55	3.59	3.74	3.89	3.92	3.91	3.74
1984	3.85	3.80	3.81	3.78	3.75	3.66	3.61	3.60	3.76	3.87	3.92	3.88	3.77
1983	3.82	3.79	3.78	3.78	3.74	3.64	3.57	3.58	3.74	3.88	3.90	3.90	3.76
						OTHER CHEESE							
						Dollars per hundredweight							
1987	**12.92**	**12.53**	**12.28**	**12.05**	**11.96**	**11.76**	**11.76**	**11.94**	**12.39**	**12.67**	**12.65**	**12.40**	**12.24**
1986	12.39	12.31	12.18	12.02	11.84	11.70	11.72	12.04	12.50	13.00	13.35	13.29	12.32
1985	13.62	13.38	13.01	12.57	12.20	11.87	11.65	11.74	12.00	12.62	12.75	12.62	12.46
1984	13.27	13.10	13.04	13.04	12.94	12.83	12.75	12.96	13.62	14.07	14.18	13.88	13.28
1983	13.56	13.51	13.39	13.44	13.38	13.15	12.96	12.99	13.34	13.73	13.89	13.35	13.37
						Percent milkfat							
1987	**3.90**	**3.87**	**3.85**	**3.80**	**3.73**	**3.62**	**3.57**	**3.59**	**3.76**	**3.93**	**3.98**	**3.91**	**3.78**
1986	3.91	3.87	3.87	3.80	3.73	3.63	3.61	3.64	3.81	3.96	3.98	3.99	3.81
1985	3.92	3.92	3.88	3.83	3.71	3.64	3.61	3.65	3.80	4.02	4.04	3.99	3.82
1984	3.96	3.91	3.87	3.87	3.81	3.73	3.65	3.66	3.83	3.94	4.02	3.97	3.84
1983	3.92	3.90	3.87	3.90	3.86	3.73	3.62	3.61	3.78	3.97	4.03	4.02	3.84

AVERAGE PRICES AND TESTS FOR MILK MARKETED FROM FARMS, By Months, Wisconsin, 1983-87

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						VARIED PRODUCTS							
						Dollars per hundredweight							
1987	**12.18**	**11.67**	**11.47**	**11.38**	**11.26**	**11.15**	**11.24**	**11.44**	**11.84**	**12.02**	**11.94**	**11.68**	**11.58**
1986	11.66	11.53	11.46	11.35	11.22	11.08	11.11	11.50	12.03	12.42	12.59	12.50	11.63
1985	12.94	12.75	12.42	11.99	11.69	11.37	11.11	11.21	11.50	11.82	11.86	11.80	11.83
1984	12.62	12.52	12.54	12.48	12.43	12.31	12.31	12.46	13.08	13.34	13.41	13.15	12.69
1983	13.14	13.07	13.02	12.94	12.85	12.65	12.55	12.56	12.91	13.19	13.35	12.82	12.90
						Percent milkfat							
1987	**3.81**	**3.78**	**3.76**	**3.71**	**3.65**	**3.56**	**3.51**	**3.56**	**3.70**	**3.88**	**3.91**	**3.87**	**3.72**
1986	3.84	3.81	3.79	3.74	3.66	3.58	3.54	3.60	3.77	3.87	3.90	3.87	3.73
1985	3.84	3.81	3.78	3.73	3.64	3.57	3.50	3.57	3.71	3.87	3.91	3.91	3.72
1984	3.85	3.78	3.79	3.76	3.73	3.63	3.59	3.58	3.73	3.85	3.91	3.88	3.75
1983	3.83	3.81	3.79	3.77	3.72	3.61	3.56	3.55	3.72	3.87	3.94	3.95	3.75
						AMERICAN CHEESE							
						Dollars per hundredweight							
1987	**12.29**	**11.75**	**11.60**	**11.48**	**11.35**	**11.23**	**11.20**	**11.42**	**11.87**	**12.02**	**11.92**	**11.66**	**11.62**
1986	11.76	11.64	11.60	11.48	11.38	11.25	11.25	11.56	12.17	12.57	12.72	12.62	11.77
1985	13.07	12.89	12.49	12.10	11.83	11.44	11.14	11.23	11.58	11.91	11.97	11.91	11.93
1984	12.79	12.68	12.70	12.64	12.59	12.45	12.43	12.56	13.22	13.52	13.55	13.30	12.83
1983	13.22	13.13	13.10	13.08	12.96	12.76	12.60	12.66	13.01	13.35	13.36	12.88	12.99
						Percent milkfat							
1987	**3.83**	**3.80**	**3.79**	**3.75**	**3.68**	**3.60**	**3.54**	**3.58**	**3.74**	**3.90**	**3.92**	**3.88**	**3.74**
1986	3.86	3.82	3.81	3.76	3.71	3.62	3.59	3.63	3.79	3.90	3.92	3.89	3.76
1985	3.85	3.83	3.79	3.76	3.69	3.62	3.56	3.61	3.75	3.90	3.93	3.92	3.75
1984	3.85	3.80	3.81	3.78	3.75	3.66	3.62	3.61	3.77	3.87	3.93	3.89	3.77
1983	3.82	3.79	3.78	3.78	3.74	3.64	3.57	3.59	3.75	3.89	3.90	3.90	3.76
						BRICK AND MUENSTER CHEESE							
						Dollars per hundredweight							
1987	**12.59**	**12.09**	**11.85**	**11.73**	**11.52**	**11.36**	**11.36**	**11.59**	**12.08**	**12.24**	**12.20**	**12.06**	**11.86**
1986	12.10	11.94	11.86	11.77	11.64	11.54	11.55	11.90	12.29	12.77	12.93	12.95	12.06
1985	13.33	13.07	12.65	12.28	12.02	11.65	11.44	11.53	11.81	12.22	12.24	12.24	12.16
1984	12.98	12.83	12.82	12.76	12.63	12.51	12.43	12.61	13.27	13.63	13.71	13.39	12.94
1983	13.39	13.25	13.16	13.14	12.97	12.73	12.57	12.62	12.99	13.42	13.50	13.07	13.05
						Percent milkfat							
1987	**3.77**	**3.74**	**3.70**	**3.67**	**3.58**	**3.48**	**3.44**	**3.51**	**3.69**	**3.84**	**3.88**	**3.85**	**3.67**
1986	3.80	3.75	3.73	3.68	3.62	3.54	3.51	3.57	3.70	3.84	3.87	3.85	3.69
1985	3.82	3.79	3.74	3.68	3.59	3.52	3.49	3.55	3.69	3.87	3.88	3.86	3.69
1984	3.83	3.76	3.76	3.74	3.69	3.59	3.53	3.51	3.65	3.80	3.84	3.82	3.70
1983	3.79	3.75	3.72	3.72	3.67	3.53	3.48	3.48	3.64	3.80	3.87	3.88	3.68
						SWISS CHEESE							
						Dollars per hundredweight							
1987	**12.45**	**11.95**	**11.81**	**11.59**	**11.46**	**11.27**	**11.16**	**11.39**	**11.69**	**12.04**	**12.08**	**11.73**	**11.69**
1986	12.24	12.09	11.93	11.83	11.68	11.60	11.50	11.83	12.46	12.89	13.11	12.98	12.15
1985	13.34	12.94	12.63	12.31	11.96	11.63	11.46	11.42	11.79	12.28	12.36	12.41	12.17
1984	12.77	12.64	12.70	12.66	12.63	12.46	12.56	12.73	13.35	13.71	13.74	13.60	12.93
1983	13.25	13.13	13.06	12.97	12.76	12.54	12.42	12.51	12.94	13.20	13.30	12.87	12.89
						Percent milkfat							
1987	**3.78**	**3.73**	**3.72**	**3.66**	**3.59**	**3.51**	**3.45**	**3.50**	**3.66**	**3.82**	**3.86**	**3.83**	**3.67**
1986	3.77	3.74	3.72	3.68	3.63	3.56	3.51	3.56	3.72	3.85	3.88	3.85	3.70
1985	3.79	3.75	3.70	3.63	3.56	3.50	3.47	3.46	3.63	3.82	3.81	3.82	3.65
1984	3.77	3.73	3.72	3.71	3.69	3.57	3.51	3.49	3.65	3.79	3.82	3.80	3.68
1983	3.76	3.70	3.68	3.70	3.63	3.50	3.45	3.44	3.65	3.81	3.85	3.84	3.66
						ITALIAN CHEESE							
						Dollars per hundredweight							
1987	**12.48**	**11.98**	**11.76**	**11.64**	**11.50**	**11.35**	**11.27**	**11.55**	**11.95**	**12.11**	**12.06**	**11.81**	**11.76**
1986	11.86	11.77	11.71	11.58	11.47	11.34	11.31	11.71	12.31	12.77	12.98	12.88	11.92
1985	13.18	13.00	12.66	12.23	11.95	11.55	11.23	11.28	11.66	12.00	12.07	11.96	12.01
1984	12.84	12.73	12.75	12.71	12.62	12.50	12.46	12.62	13.33	13.64	13.65	13.36	12.90
1983	13.26	13.20	13.14	13.14	13.05	12.88	12.71	12.67	13.03	13.36	13.40	12.94	13.05
						Percent milkfat							
1987	**3.82**	**3.79**	**3.78**	**3.74**	**3.67**	**3.58**	**3.50**	**3.55**	**3.70**	**3.88**	**3.90**	**3.85**	**3.72**
1986	3.86	3.83	3.81	3.76	3.71	3.63	3.58	3.63	3.79	3.89	3.91	3.88	3.76
1985	3.84	3.82	3.79	3.74	3.67	3.59	3.53	3.57	3.72	3.87	3.91	3.89	3.73
1984	3.86	3.81	3.81	3.78	3.75	3.67	3.62	3.60	3.76	3.87	3.91	3.87	3.77
1983	3.83	3.81	3.79	3.79	3.75	3.67	3.60	3.58	3.74	3.88	3.92	3.90	3.76

CORN — Production, Marketing and Prices

Corn is green gold to Wisconsin farmers, easily being the number one cash crop produced in the State. Cash receipts for corn sales in 1986 were $344 million or 39 percent of the total cash receipts for crops.

Corn has not always been a major crop in the State. Improved varieties have caused extensive cultivation of corn to gradually expand northward from the traditional Corn Belt. Corn can now be found growing almost on the shores of Lake Superior. However, large surpluses and poor world markets over the last several years have prompted government programs designed to reduce corn acreage. The peak year for acreage was 1981 when over 4.5 million acres were planted. Federal farm programs, such as PIK and Feed Grains, have reduced acreage to the current level of 3.3 million acres, which is near the levels of the early 1970's.

Grain production from corn, like acreage, has also increased significantly in the last 15 years and has remained fairly stable despite recent acreage cut-backs. Last year Wisconsin produced 330 million bushels of corn, while in 1977, 317 million bushels were produced. Wisconsin has ranked seventh in production in the U.S. since 1982. For the last two years the State average yield has been a record 118 bushels per acre; quite a contrast to the 80 bushel yields recorded only twenty years earlier.

Silage is a second valuable product from the State's corn fields. It is used extensively as an important item in the feed ration of the State's dairy cattle. Marathon County leads the State in silage production with 531,400 tons. Coincidentally, Marathon County also leads the state in cash receipts for dairy products.

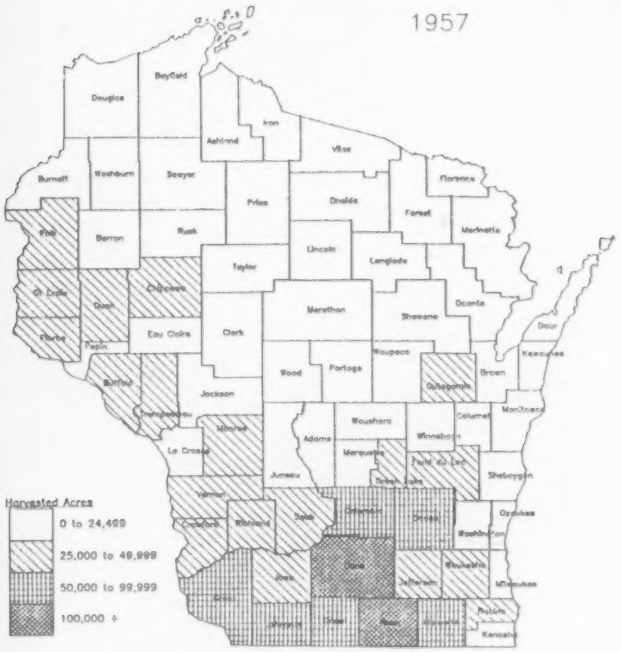
Researchers continue to find many other uses for the corn plant. Ethanol, corn syrup and road de-icers are some of the more important products manufactured from corn. Plans are underway to build a corn processing plant near Portage which will produce starch, ethanol, sweeteners and other corn based products. The plant will provide another marketing channel for farmers in the southern part of the State.

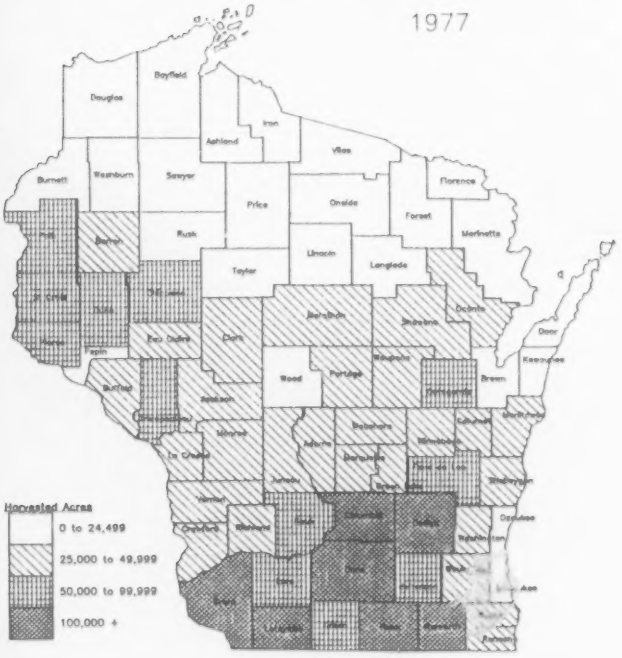
Although corn is grown throughout the State, the southern third accounts for 50 percent of the total production. Dane County sits in the heart of Wisconsin's Corn Belt and in 1987 led the State in acreage (203,900) and production (21,527,000 bu.). Close behind, Grant County produced 18,327,000 bushels. Rock, Columbia and Dodge are other leading south central counties.

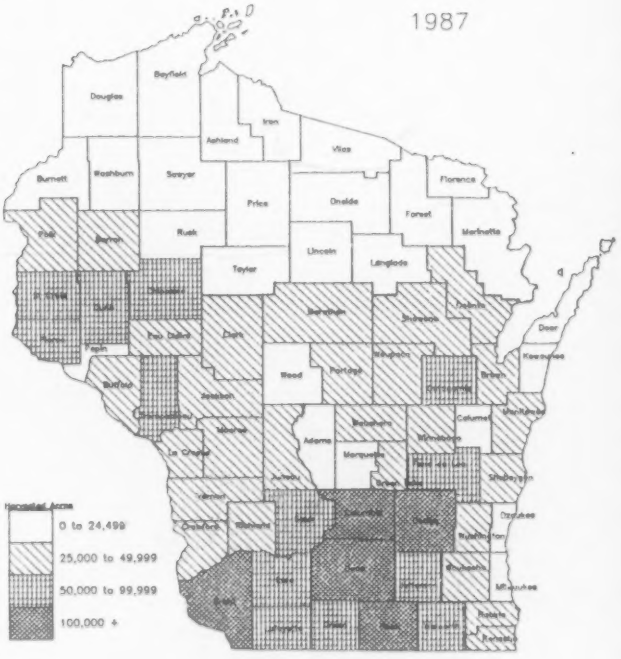
About half of the corn produced in the State is used on the farms where produced, but the world market definitely touches every Wisconsin farmer. Despite a strong to steady domestic market, the supply of corn in the world market has been on a roller coaster. During the mid-seventies world supplies reached record lows and the U.S. supplied nearly 30% of the world export market. In response to this need, acreage restrictions were ended in the U.S. The American farmers jumped at the opportunity to meet the demand. Meanwhile, foreign producers also increased their acreage and a shortage rapidly shifted to a global surplus. Compounding the U.S. surplus, a strong dollar forced buyers into different markets dramatically cutting U.S. exports to only 12% of the world market. New Federal programs were implemented during the eighties to again reduce production with the intention of stabilizing prices and supply. The resulting smaller supply has improved corn prices and a weaker dollar has increased foreign demand. However, volatile markets will continue to effect every Wisconsin farmer.

Corn is harvested for grain in 41 of 50 states. However, production is normally associated with the Corn Belt. The Corn Belt States (Iowa, Illinois, Indiana, Ohio, and Missouri) accounted for 53 percent of the 1987 U.S. corn production with Iowa and Illinois producing 35 percent of the total. The Lake States (Minnesota, Wisconsin, and Michigan) accounted for 16 percent of production. The Northern Plains States of Nebraska, South Dakota and Kansas produced 17 percent of the U.S. corn.

CORN FOR GRAIN: Acres Harvested





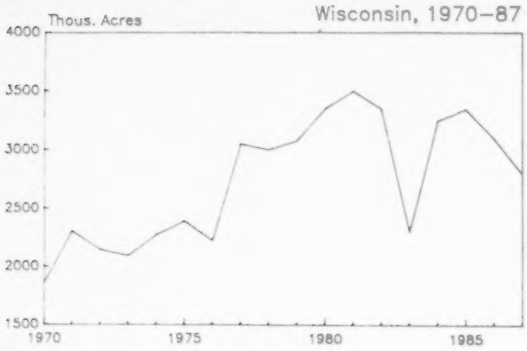


CORN ACREAGE, YIELD, AND PRODUCTION, WISCONSIN

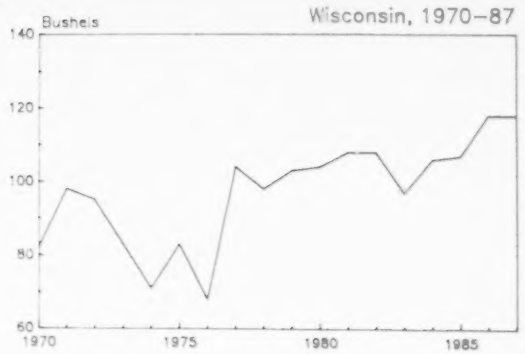
Crop year	Total acreage planted	Harvested for grain			Price 1/	Value of production
		Acreage	Yield per acre	Production		
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars/bushel	1,000 dollars
1960	2,889	1,736	62.5	108,500	1.02	110,670
1961	2,571	1,614	73.0	117,822	1.05	123,713
1962	2,553	1,533	70.0	107,310	1.11	119,114
1963	2,586	1,502	70.0	105,140	1.15	120,911
1964	2,612	1,487	71.0	105,577	1.19	125,637
1965	2,638	1,606	76.0	122,056	1.17	142,806
1966	2,638	1,670	88.0	146,960	1.28	188,109
1967	2,770	1,703	83.0	141,349	1.06	149,830
1968	2,715	1,754	95.0	166,630	1.08	179,960
1969	2,715	1,736	88.0	152,768	1.16	177,211
1970	2,769	1,858	82.0	152,356	1.37	208,728
1971	3,212	2,304	98.0	225,792	1.11	250,629
1972	3,051	2,143	95.0	203,585	1.49	303,342
1973	3,200	2,090	83.0	173,470	2.63	456,226
1974	3,490	2,270	71.0	161,170	3.08	496,404
1975	3,500	2,390	83.0	198,370	2.58	511,795
1976	3,700	2,220	68.0	150,960	2.12	320,035
1977	4,100	3,050	104.0	317,200	2.01	637,572
1978	4,000	3,000	98.0	294,000	2.14	629,160
1979	4,050	3,080	103.0	317,240	2.46	780,410
1980	4,200	3,350	104.0	348,400	2.99	1,041,716
1981	4,520	3,500	108.0	378,000	2.31	873,180
1982	4,400	3,350	108.0	361,800	2.69	973,242
1983	3,190	2,300	97.0	223,100	3.15	702,765
1984	4,150	3,250	106.0	344,500	2.58	888,810
1985	4,300	3,350	107.0	358,450	2.19	785,006
1986	3,900	3,100	118.0	365,800	1.46	534,068
1987	3,550	2,800	118.0	330,400	1.70	561,680

1/From 1960 to 1978 season average price (January-December) was used. From 1979 to 1987 marketing year price (September-August) was used.

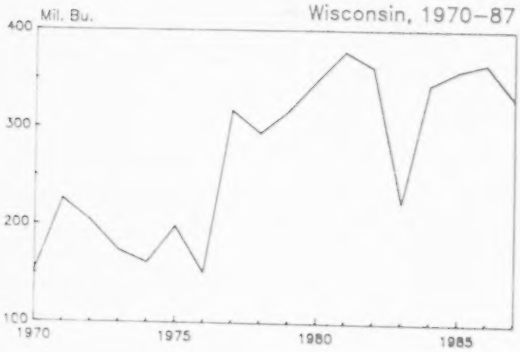
CORN FOR GRAIN: Acres Harvested



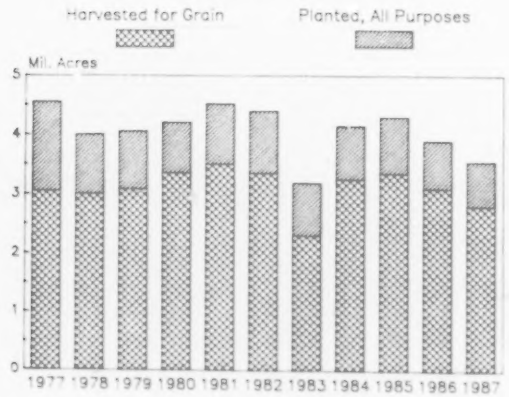
CORN FOR GRAIN: Yield per Acre



CORN FOR GRAIN: Production



PLANTED CORN ACREAGE, ALL PURPOSES AND ACRES HARVESTED FOR GRAIN



CORN FOR SILAGE: Acreage, Yield, And Production, Wisconsin

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1960	1,082	9.7	10,495
1961	931	11.5	10,706
1962	985	11.3	11,130
1963	1,044	10.8	11,275
1964	1,054	10.0	10,540
1965	963	10.7	10,304
1966	924	12.4	11,458
1967	1,007	10.5	10,574
1968	916	11.8	10,809
1969	901	11.2	10,091
1970	869	11.1	9,646
1971	852	12.3	10,480
1972	835	12.7	10,605
1973	1,050	10.2	10,710
1974	1,090	9.8	10,682
1975	1,000	10.5	10,500
1976	1,330	8.6	11,438
1977	980	12.0	11,760
1978	920	12.0	11,040
1979	900	12.0	10,800
1980	775	12.2	9,455
1981	944	13.5	12,744
1982	980	12.9	12,642
1983	830	12.5	10,375
1984	830	12.5	10,375
1985	900	12.5	11,250
1986	760	14.0	10,640
1987 1/	730	14.0	10,220

1/Preliminary.

CORN: Percent Of Acreage Planted By Specified Dates, Wisconsin

Year	May						June	
	5	10	15	20	25	30	5	10
1970	5	20	35	55	70	80	90	100
1971	5	20	40	60	70	80	95	100
1972	0	5	15	35	60	85	95	100
1973	0	0	10	25	40	50	60	75
1974	15	20	25	35	45	70	85	90
1975	0	5	20	50	75	90	95	100
1976	10	25	50	65	80	90	100	100
1977	25	50	70	85	95	100	100	100
1978	5	15	30	45	70	85	95	100
1979	0	5	20	40	60	75	90	95
1980	15	35	60	75	90	100	100	100
1981	10	25	50	70	95	100	100	100
1982	10	20	40	55	65	80	90	95
1983	5	20	30	50	55	65	75	85
1984	5	10	25	55	70	85	90	95
1985	15	50	65	75	85	90	95	100
1986	15	40	55	65	85	90	95	100
1987	20	50	70	85	95	95	NA	NA

NA = not available.

CORN: Percent Of Grain Acreage Harvested By Specified Dates, Wisconsin

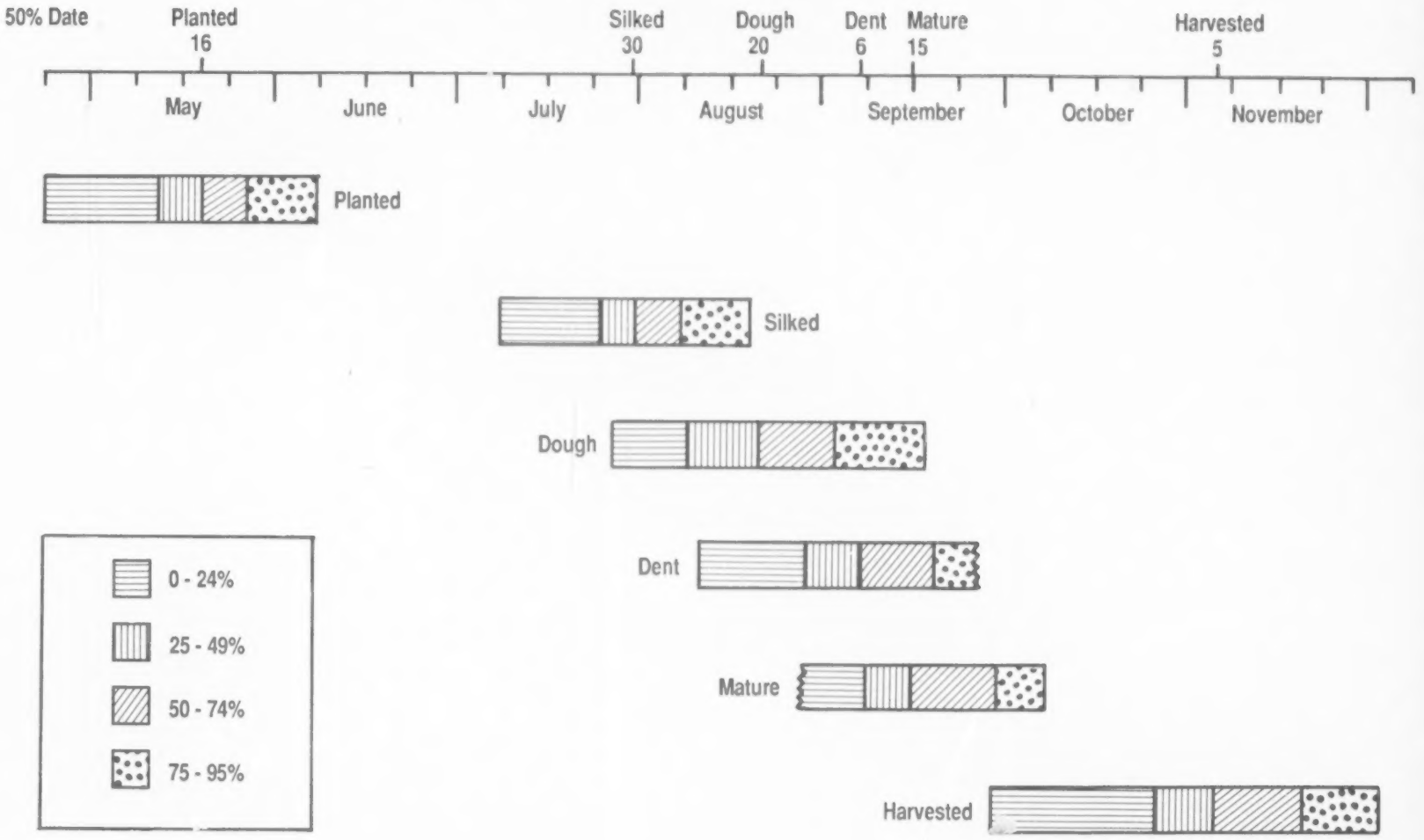
Year	October					November	
	10	15	20	25	30	5	10
1970	20	30	45	60	65	NA	NA
1971	5	10	20	30	40	NA	NA
1972	0	5	10	15	20	30	45
1973	0	10	15	30	50	60	75
1974	0	5	10	20	30	40	55
1975	10	20	35	50	70	80	85
1976	20	30	45	60	75	85	90
1977	15	25	35	45	55	65	70
1978	5	10	20	30	45	60	75
1979	5	5	5	10	15	30	40
1980	10	15	25	40	50	65	75
1981	5	5	10	15	25	40	55
1982	5	5	10	15	25	35	45
1983	10	15	25	35	45	65	80
1984	15	15	20	25	40	50	60
1985	5	10	10	20	25	35	45
1986	0	5	15	25	35	45	60
1987	35	55	65	75	85	90	95

NA—not available.

CORN: Percent Of Silo Filling Completed By Specified Dates, Wisconsin

Year	September					October		
	10	15	20	25	30	5	10	15
1970	25	35	45	60	75	85	95	100
1971	5	15	30	50	65	80	95	100
1972	0	5	10	15	20	30	45	60
1973	5	10	25	35	50	65	85	100
1974	5	10	15	30	45	70	85	95
1975	10	15	30	45	60	80	95	100
1976	25	40	55	75	90	95	100	100
1977	15	25	40	55	65	75	85	95
1978	5	10	15	25	35	45	55	70
1979	0	5	5	15	25	35	50	65
1980	0	5	5	10	20	40	60	70
1981	5	5	10	20	35	50	65	75
1982	0	5	10	15	20	30	40	50
1983	5	10	15	20	35	50	65	75
1984	10	15	20	30	35	65	80	80
1985	5	5	10	15	25	35	45	50
1986	10	10	10	15	15	20	30	40
1987	20	35	45	60	70	80	90	95

WISCONSIN CORN DEVELOPMENT *
1977 - 1986 Average



* The date when 50% of the crop reached a particular stage is listed above the calendar scale.
At the dent stage 95% point is approximate and for the mature stage, beginning point is approximate.

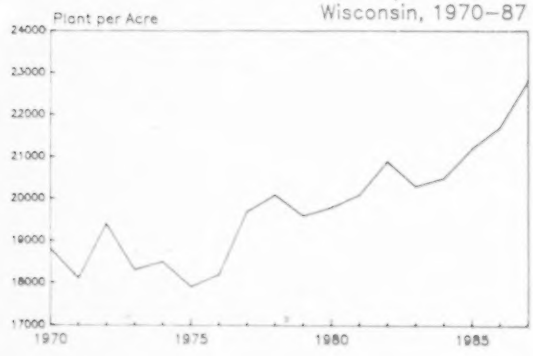
CORN FOR GRAIN: Plant Population And Row Spacing, Wisconsin

Year	Plant population per acre	Row width groups (inches)					Average width
		34.5 & less	34.6 - 36.5	36.6 - 38.5	38.6 - 40.5	40.6 & greater	
		Percent of samples					Inches
1967	17,100	3.6	6.4	32.7	42.7	14.6	38.5
1968	18,200	8.5	8.5	32.2	33.0	17.8	38.1
1969	17,600	9.1	14.4	29.6	33.3	13.6	37.9
1970	18,800	13.1	11.7	35.2	29.7	10.3	37.4
1971	18,100	13.5	11.7	38.0	27.6	9.2	37.4
1972	19,400	18.1	9.7	31.3	31.2	9.7	37.3
1973	18,300	18.0	12.5	27.1	35.5	6.9	37.3
1974	18,500	16.3	13.3	31.1	31.9	7.4	37.2
1975	17,900	18.0	12.8	33.3	26.5	9.4	37.0
1976	18,200	18.7	9.4	36.4	32.7	2.8	36.9
1977	19,700	13.9	14.8	43.5	20.9	7.0	37.1
1978	20,100	18.1	9.4	40.2	26.0	6.3	36.9
1979	19,600	13.9	18.7	35.8	23.6	8.1	36.9
1980	19,800	25.4	6.3	38.0	28.2	2.1	36.3
1981	20,100	26.3	10.5	36.8	24.8	1.5	36.2
1982	20,900	26.3	15.6	37.7	14.8	5.7	36.0
1983	20,300	26.4	12.4	34.9	24.0	2.3	36.0
1984	20,500	27.2	16.8	31.2	20.0	4.8	35.9
1985	21,200	30.8	11.5	34.6	21.6	1.5	35.7
1986	21,700	26.9	16.4	32.1	22.4	2.2	35.9
1987	22,800	36.1	9.8	26.3	24.8	3.0	35.5

Corn objective yield surveys are conducted in the 10 major corn producing states. The trained field staff take monthly counts and measurements in selected cornfields between July and November. Information in the table represents sample data which are subject to sampling variability. Plant population trends over the last 21 years are shown in the table.

Wisconsin's 1987 plant population averaged 22,800 plants per acre, an increase of 5,700 from 1967. As the plant population has increased, the average row width has decreased over the years. Wisconsin's average row width for 1987 was 35.5 inches compared with 38.5 inches in 1967.

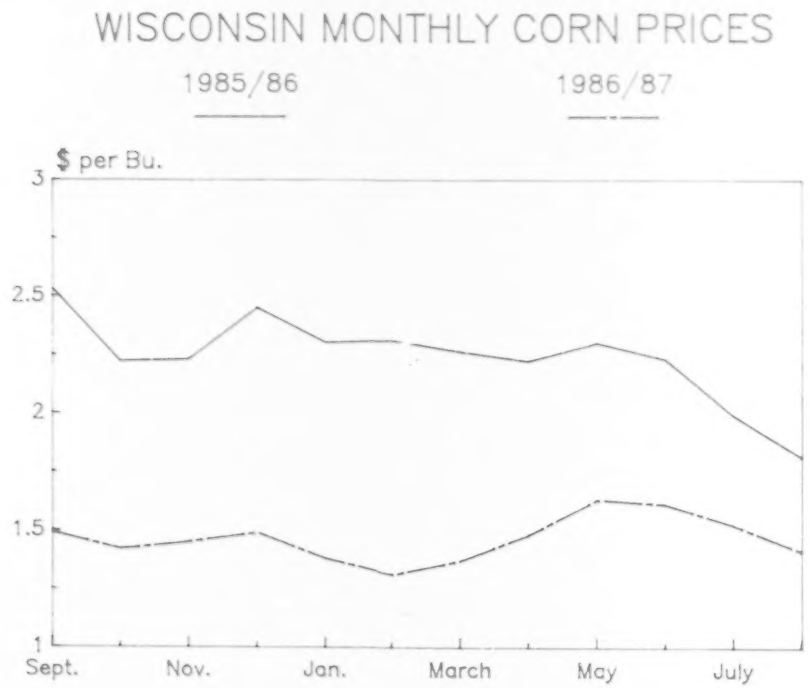
CORN FOR GRAIN: Plant Population



CORN: AVERAGE PRICES RECEIVED BY FARMERS, WISCONSIN

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Price 1/
	Dollars per bushel												
1965	1.16	1.19	1.21	1.21	1.25	1.25	1.27	1.26	1.25	1.22	1.06	1.06	1.17
1966	1.13	1.16	1.14	1.17	1.18	1.19	1.24	1.32	1.35	1.30	1.26	1.31	1.28
1967	1.31	1.30	1.31	1.30	1.30	1.30	1.28	1.21	1.19	1.14	1.02	1.02	1.06
1968	1.06	1.06	1.07	1.07	1.12	1.12	1.10	1.05	1.03	1.00	1.01	1.04	1.08
1969	1.08	1.08	1.08	1.10	1.15	1.16	1.16	1.16	1.14	1.11	1.08	1.09	1.16
1970	1.12	1.14	1.12	1.14	1.17	1.19	1.24	1.25	1.37	1.32	1.32	1.35	1.37
1971	1.41	1.44	1.44	1.45	1.43	1.49	1.44	1.30	1.18	1.10	1.04	1.10	1.11
1972	1.10	1.12	1.13	1.15	1.17	1.14	1.15	1.15	1.18	1.17	1.16	1.30	1.49
1973	1.30	1.27	1.32	1.32	1.48	1.84	1.89	2.37	2.12	2.15	2.13	2.43	2.63
1974	2.58	2.73	2.75	2.48	2.55	2.70	3.05	3.40	3.43	3.58	3.40	3.31	3.08
1975	3.09	2.87	2.68	2.73	2.69	2.70	2.72	2.96	2.82	2.71	2.40	2.43	2.58
1976	2.43	2.49	2.52	2.49	2.62	2.78	2.84	2.76	2.75	2.49	2.20	2.30	2.12
1977	2.30	2.39	2.37	2.35	2.30	2.23	1.96	1.69	1.65	1.68	1.79	1.85	2.01
1978	1.91	1.98	2.00	2.20	2.28	2.27	2.05	1.94	1.86	1.86	1.92	1.98	2.14
1979	1.98	2.03	2.13	2.19	2.33	2.48	2.57	2.47	2.47	2.38	2.33	2.30	2.46
1980	2.21	2.23	2.24	2.30	2.37	2.39	2.74	2.89	2.86	2.91	2.98	3.01	2.99
1981	3.05	3.05	3.04	3.16	3.13	3.09	3.10	2.90	2.57	2.33	2.19	2.15	2.31
1982	2.30	2.25	2.40	2.48	2.50	2.47	2.40	2.20	2.17	2.12	2.10	2.18	2.69
1983	2.27	2.52	2.67	2.96	3.01	3.02	3.18	3.35	3.36	3.23	3.10	3.09	3.15
1984	3.03	3.05	3.14	3.22	3.33	3.39	3.30	3.22	3.04	2.71	2.52	2.47	2.58
1985	2.52	2.54	2.65	2.66	2.65	2.62	2.55	2.47	2.53	2.22	2.23	2.45	2.19
1986	2.30	2.31	2.26	2.22	2.30	2.23	1.99	1.81	1.49	1.42	1.45	1.49	1.46
1987	1.38	1.31	1.37	1.48	1.63	1.61	1.52	1.41	1.43	1.51	1.60	1.65	1.70

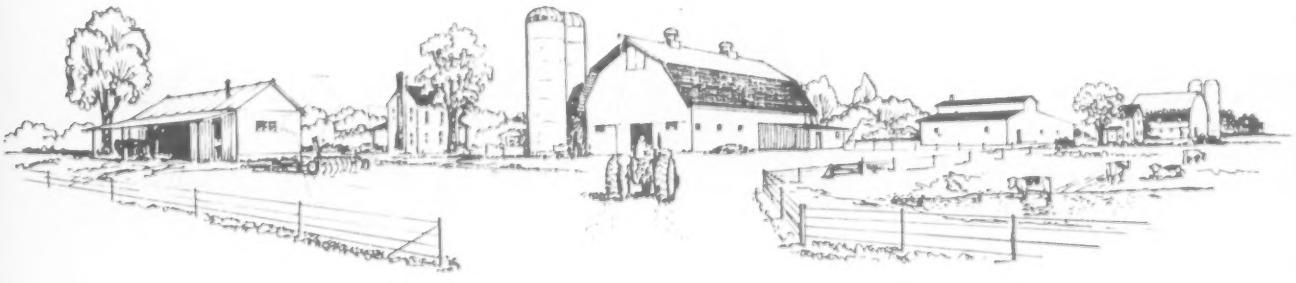
1/From 1965 to 1978 season average price (January-December) was used. From 1979 to 1987 marketing year price (September-August) was used.



CORN: Production, Farm Use, Sales And Value, Wisconsin

Crop year	Production	Used on farms where produced	Sold	Sales as percent of production	Price 1/	Value	
						Production	Sales
	1,000 bushels			Percent	Dollars/bu	1,000 dollars	
1960	108,500	88,970	19,530	18.0	1.02	110,670	19,921
1961	117,822	98,970	18,852	16.0	1.05	123,713	19,795
1962	107,310	87,994	19,316	18.0	1.11	119,114	21,441
1963	105,140	82,009	23,131	22.0	1.15	120,911	26,601
1964	105,577	82,350	23,227	22.0	1.19	125,637	27,640
1965	122,056	93,983	28,073	23.0	1.17	142,806	32,845
1966	146,960	113,159	33,801	23.0	1.28	188,109	43,265
1967	141,349	106,012	35,337	25.0	1.06	149,830	37,457
1968	166,630	123,306	43,324	26.0	1.08	179,960	46,790
1969	152,768	117,631	35,137	23.0	1.16	177,211	40,759
1970	152,356	109,696	42,660	28.0	1.37	208,728	58,444
1971	225,792	162,570	63,222	28.0	1.11	250,629	70,176
1972	203,585	144,545	59,040	29.0	1.49	303,342	87,970
1973	173,470	123,164	50,306	29.0	2.63	456,226	132,305
1974	161,170	106,372	54,798	34.0	3.08	496,404	168,778
1975	198,370	122,989	75,381	38.0	2.58	511,795	194,483
1976	150,960	107,182	43,778	29.0	2.12	320,035	92,809
1977	317,200	168,116	149,084	47.0	2.01	637,572	299,659
1978	294,000	167,580	126,420	43.0	2.14	629,160	270,539
1979	317,240	177,654	139,586	44.0	2.46	780,410	343,382
1980	348,400	184,652	163,748	47.0	2.99	1,041,716	489,607
1981	378,000	189,000	189,000	50.0	2.31	873,180	436,590
1982	361,800	187,800	174,000	48.1	2.69	973,242	468,060
1983	223,100	160,632	62,468	28.0	3.15	702,765	196,774
1984	344,500	189,475	155,025	45.0	2.58	888,810	399,965
1985	358,450	NA	NA	NA	2.19	785,006	NA
1986	365,800	223,138	142,662	39.0	1.46	534,068	208,287
1987	330,400	208,152	122,248	37.0	1.70	561,680	207,822

1/From 1968 to 1978 season average price (January-December) was used. From 1979 to 1987 marketing year price (September-August) was used. NA—not available.



CORN STOCKS: Wisconsin, January 1, April 1

Crop year	January 1			April 1		
	On farms	Off farms 1/	Total	On farms	Off farms 1/	Total
	1,000 bushels					
1965	79,183	11,110	90,293	52,789	11,119	63,908
1966	98,865	8,706	107,571	68,351	10,087	78,438
1967	116,098	11,820	127,918	76,419	17,264	93,683
1968	114,493	14,141	128,634	84,809	18,349	103,158
1969	136,637	12,549	149,186	99,978	13,224	113,202
1970	126,797	10,282	137,079	80,967	9,180	90,147
1971	120,361	13,274	133,635	76,178	13,105	89,283
1972	180,634	13,175	193,809	124,186	12,783	136,969
1973	166,940	12,918	179,858	118,079	14,254	132,333
1974	131,837	11,754	143,591	86,735	13,331	100,066
1975	114,431	12,626	127,057	75,750	10,373	86,123
1976	138,859	15,822	154,681	91,250	16,227	107,477
1977	111,710	22,064	133,774	67,932	19,147	87,079
1978	218,868	28,323	247,191	158,600	30,367	188,967
1979	229,320	32,449	261,769	164,640	30,620	195,260
1980	250,620	39,378	289,998	177,654	34,422	212,076
1981	257,816	37,805	295,621	188,136	32,366	220,502
1982	272,160	43,975	316,135	219,240	38,379	257,619
1983	325,620	55,617	381,237	242,406	45,927	288,333
1984	196,328	44,412	240,740	129,398	31,297	160,695
1985	220,480	36,725	257,205	165,360	26,014	191,374
1986	265,253	46,468	311,721	193,563	43,537	237,100
1987 2/	325,000	87,664	412,664	238,000	92,100	330,100
1988 2/	300,000	94,750	394,750	220,000	81,722	301,722

1/Includes stocks at mills, elevators, warehouses, terminals, processors. 2/Reference dates changed from January 1 to December 1, previous year and from April 1 to March 1.

CORN STOCKS: Wisconsin, June 1, October 1

Crop year	June 1 1/			October 1		
	On farms	Off farms 2/	Total	On farms	Off farms 2/	Total
	1,000 bushels					
1965	29,562	6,986	36,548	13,725	5,683	19,408
1966	39,058	6,864	45,922	14,647	6,052	20,699
1967	48,497	8,394	56,891	20,574	3,886	24,460
1968	48,059	12,035	60,094	22,616	3,616	26,232
1969	63,319	6,450	69,769	29,993	3,726	33,719
1970	45,830	6,658	52,488	16,804	6,401	23,205
1971	38,089	7,680	45,769	12,188	2,803	14,991
1972	88,059	9,267	97,326	40,643	6,354	46,997
1973	63,111	7,742	70,853	32,574	7,531	40,105
1974	43,368	6,095	49,463	13,878	6,164	20,042
1975	35,457	4,597	40,054	10,476	3,127	13,603
1976	63,478	7,665	71,143	15,870	1,488	17,358
1977	54,346	12,168	66,514	21,134	6,777	27,911
1978	126,880	21,750	148,630	40,768	9,671	50,439
1979	129,360	24,393	153,753	49,980	14,109	64,089
1980	136,413	25,543	161,956	47,586	13,438	61,024
1981	125,424	21,643	147,067	48,776	9,985	58,761
1982	192,780	27,237	220,017	86,940	20,252	107,192
1983	198,990	46,718	245,708	119,394	41,532	160,926
1984	82,547	18,000	100,547	20,079	8,487	28,566
1985	106,795	23,281	130,076	37,895	17,722	55,617
1986 3/	136,211	46,652	182,863	105,000	41,319	146,319
1987 3/	168,000	72,800	240,800	120,000	64,700	184,700

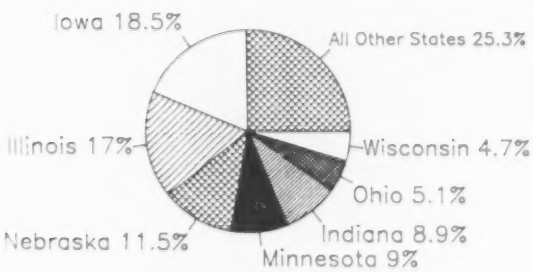
1/Data prior to 1976 was for July 1. 2/Includes stocks at mills, elevators, warehouses, terminals, processors. 3/Reference dates changed from October 1 to September 1.

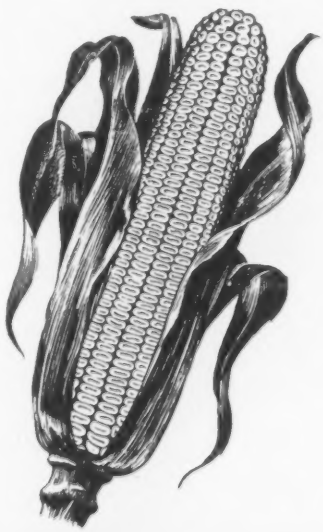
CORN ACREAGE, Yield And Production, United States

Crop year	Total acreage planted	Harvested for grain			Harvested for silage		
		Acreage	Yield per acre	Production	Acreage	Yield per acre	Production
	Million acres	Million acres	Bushels	Million bushels	Million acres	Tons	Million tons
1950	82.9	72.4	38.2	2,764	4.9	6.3	31.0
1955	80.9	68.5	42.0	2,873	7.0	7.6	53.0
1960	81.4	71.4	54.7	3,907	7.2	9.1	65.4
1965	65.2	55.4	74.1	4,103	8.1	10.5	84.4
1970	66.8	57.4	72.4	4,152	8.1	11.6	93.8
1975	78.7	67.6	86.4	5,841	9.8	11.8	116.1
1976	84.6	71.5	88.0	6,289	11.3	10.5	118.5
1977	84.3	71.6	90.8	6,505	9.3	12.6	117.7
1978	81.7	71.9	101.0	7,268	8.6	13.7	118.1
1979	81.4	72.4	109.5	7,928	8.0	14.4	114.8
1980	84.0	73.0	91.0	6,639	9.3	12.0	112.0
1981	84.1	74.5	108.9	8,119	8.3	14.2	117.9
1982	81.9	72.7	113.2	8,235	8.3	14.3	117.8
1983	60.2	51.5	81.1	4,175	7.8	12.3	96.3
1984	80.5	71.9	106.7	7,674	7.5	13.9	104.6
1985	83.4	75.2	118.0	8,877	7.2	14.4	102.8
1986	76.7	69.2	119.3	8,250	6.3	14.1	88.7
1987	65.7	59.2	119.4	7,064	5 9	14.6	85.6

CORN PRODUCTION: 21 Leading States

Region	1987			1986			1985			1984		
	Harvested	Yield per acre	Production	Harvested	Yield per acre	Production	Harvested	Yield per acre	Production	Harvested	Yield per acre	Production
	1,000 acres	Bushels	1,000 bushels	1,000 acres	Bushels	1,000 bushels	1,000 acres	Bushels	1,000 bushels	1,000 acres	Bushels	1,000 bushels
Corn Belt	29,000	129.1	3,744,850	34,290	130.7	4,483,030	37,580	127.3	4,783,310	35,700	112.4	4,012,070
Iowa	10,050	130.0	1,306,500	12,050	135.0	1,626,750	13,550	126.0	1,707,300	12,900	112.0	1,444,800
Illinois	9,100	132.0	1,201,200	10,400	135.0	1,404,000	11,370	135.0	1,534,950	10,940	114.0	1,247,160
Indiana	4,680	135.0	631,800	5,700	122.0	695,400	6,150	123.0	756,450	6,030	117.0	705,510
Ohio	3,020	120.0	362,400	3,720	128.0	476,160	4,030	127.0	511,810	3,900	118.0	460,200
Missouri	2,150	113.0	242,950	2,420	116.0	280,720	2,480	110.0	272,800	1,930	80.0	154,400
Lake States	9,750	118.0	1,150,650	11,350	117.2	1,330,650	12,380	110.6	1,369,600	12,310	101.8	1,253,660
Minnesota	5,000	127.0	635,000	5,800	122.0	707,600	6,300	115.0	724,500	6,440	107.0	689,080
Wisconsin	2,800	118.0	330,400	3,100	118.0	365,800	3,350	107.0	358,450	3,250	106.0	344,500
Michigan	1,950	95.0	185,250	2,450	105.0	257,250	2,730	105.0	286,650	2,620	84.0	220,080
N. Plains	10,130	116.7	1,182,050	11,185	117.2	1,311,260	11,620	116.8	1,357,700	10,685	104.1	1,111,835
Nebraska	6,200	131.0	812,200	7,000	128.0	896,000	7,450	128.0	953,600	6,950	116.0	806,200
S. Dakota	2,750	83.0	228,250	2,850	82.0	233,700	3,000	84.0	252,000	2,780	67.0	186,260
Kansas	1,180	120.0	141,600	1,335	136.0	181,560	1,170	130.0	152,100	955	125.0	119,375
Appalachian & Southeast	3,780	82.1	310,480	4,780	74.2	354,600	5,520	91.2	503,225	5,295	93.3	494,280
N. Carolina	1,150	60.0	69,000	1,360	69.0	93,840	1,625	79.0	128,375	1,620	90.0	145,800
Georgia	610	84.0	51,240	730	58.0	42,340	975	84.0	81,900	985	82.0	80,770
Kentucky	1,140	104.0	118,560	1,520	92.0	139,840	1,560	102.0	159,120	1,460	100.0	146,000
Tennessee	580	91.0	52,780	770	74.0	56,980	810	98.0	79,380	690	95.0	65,550
Virginia	300	63.0	18,900	400	54.0	21,600	550	99.0	54,450	540	104.0	56,160
Northeast	2,030	92.1	186,870	2,440	94.9	231,440	2,740	106.1	290,600	2,610	106.9	279,090
Penn.	1,060	90.0	95,400	1,240	103.0	127,720	1,380	110.0	151,800	1,350	110.0	148,500
New York	510	109.0	55,590	620	99.0	61,380	720	95.0	68,400	670	91.0	60,970
Maryland	460	78.0	35,880	580	73.0	42,340	640	110.0	70,400	590	118.0	69,620
Mountain	690	155.0	106,950	710	140.0	99,400	745	139.0	103,555	680	134.0	91,120
Colorado	690	155.0	106,950	710	140.0	99,400	745	139.0	103,555	680	134.0	91,120
S. Plains	1,250	107.0	133,750	1,330	112.0	148,960	1,490	105.0	156,450	1,550	93.0	144,150
Texas	1,250	107.0	133,750	1,330	112.0	148,960	1,490	105.0	156,450	1,550	93.0	144,150
Total	56,630	120.4	6,815,600	66,085	120.4	7,959,340	72,075	118.8	8,564,440	68,830	107.3	7,386,205
U. S.	59,167	119.4	7,064,143	69,159	119.3	8,249,864	75,224	118.0	8,876,706	71,915	106.7	7,674,020





CORN FOR GRAIN: 20 Leading U.S. Counties, 1986 1/

County	State	All corn planted	Harvested for grain	Yield per acre	Production	Rank
		Acres		Bushels		
McLean	Illinois	317,000	313,600	144.0	45,198,100	1
Champaign	Illinois	266,000	262,500	144.0	37,833,200	2
LaSalle	Illinois	280,000	275,200	135.0	37,218,700	3
Kossuth	Iowa	239,000	237,500	152.6	36,246,000	4
Iroquois	Illinois	294,000	291,100	119.0	34,771,100	5
Bureau	Illinois	259,000	256,600	135.0	34,703,200	6
Henry	Illinois	245,000	239,400	137.0	32,849,600	7
Livingston	Illinois	259,000	255,800	125.0	32,069,800	8
Pottawattamie	Iowa	231,000	228,700	136.8	31,280,000	9
Sangamon	Illinois	187,000	186,400	164.0	30,545,400	10
Hamilton	Nebraska	199,000	194,800	153.4	29,883,200	11
Holt	Nebraska	209,000	199,800	145.7	29,109,400	12
Ogle	Illinois	222,000	215,600	134.0	28,945,400	13
Lee	Illinois	217,000	213,700	134.0	28,690,400	14
Christian	Illinois	171,000	169,600	161.0	27,290,100	15
Sioux	Iowa	214,000	207,000	130.6	27,044,000	16
Dane	Wisconsin	225,600	200,100	131.8	26,370,000	17
Antelope	Nebraska	207,000	202,100	129.7	26,207,000	18
Whiteside	Illinois	203,000	199,300	131.0	26,166,800	19
De Kalb	Illinois	193,000	186,700	139.0	25,987,000	20

1/Preliminary.

CONSUMPTION: Corn Products As Food, United States

Year	Total consumed 1/	Per capita consumption of corn as food products				
		Meal	Cereal	Syrup 2/	Sugar 2/	Starch 2/
	Million bushels	Pounds				
1972	256	6.2	2.5	21.0	5.2	1.9
1973	279	5.9	2.5	23.5	5.2	2.0
1974	295	5.8	2.5	25.6	5.3	2.1
1975	321	6.0	2.6	28.8	5.4	2.1
1976	333	5.8	2.6	31.9	5.4	2.2
1977	355	5.7	2.7	35.3	4.5	2.3
1978	398	5.9	2.8	39.2	4.1	2.5
1979	527	6.2	2.9	43.3	3.9	2.7
1980	591	6.3	3.0	48.9	3.8	2.4
1981	659	6.2	3.0	55.0	3.8	2.2
1982	731	6.6	3.0	60.0	3.8	2.0
1983	787	6.6	3.1	65.6	3.8	2.0
1984	839	6.3	3.0	69.0	3.8	2.1
1985	879	6.2	2.9	74.4	3.8	2.1
1986	906	6.1	2.9	77.0	3.8	2.2

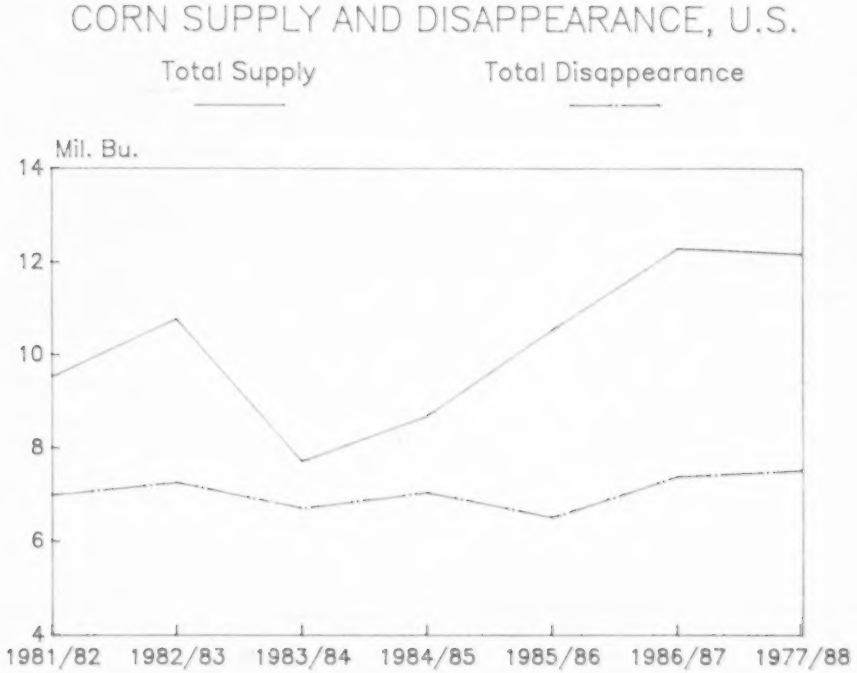
1/Includes an allowance for the quantity used as hominy and grits. 2/Preliminary. Estimates of corn syrup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968. Source: Economic Research Service. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

CORN: Marketing Year Supply, Disappearance, Area and Prices, United States

Year beginning September 1	Supply				Disappearance						Ending Stocks August 30		
					Domestic Use								
	Beginning stocks	Production	Imports	Total	Food, alcohol & Indus.	Seed	Feed and residual	Total	Exports	Total disappearance	Govt. owned	Privately owned 1/	Total
	Million Bushels												
1981/82	1,392.1	8,118.7	1.1	9,511.9	777.8	19.4	4,168.6	4,965.8	2,009.5	6,975.3	280.1	2,256.5	2,536.6
1982/83	2,536.6	8,235.1	.7	10,772.4	880.3	14.5	4,520.7	5,415.5	1,833.8	7,249.3	1,142.7	2,380.4	3,523.1
1983/84	3,523.1	4,174.7	2.7	7,700.5	956.0	19.1	3,817.6	4,792.7	1,901.5	6,694.2	201.5	804.8	1,006.3
1984/85	1,006.3	7,674.0	3.5	8,683.8	1,070.0	21.2	4,079.0	5,170.2	1,865.4	7,035.6	224.9	1,423.3	1,648.2
1985/86	1,648.2	8,876.7	10.6	10,535.5	1,140.0	19.5	4,095.3	5,254.8	1,241.2	6,496.0	545.7	3,493.8	4,039.5
1986/87	4,039.5	8,252.8	2.0	12,294.3	1,175.0	15.6	4,649.7	5,840.3	1,525.0	7,365.3	1,525.0	3,404.0	4,929.0
1987/88 2/	4,929.0	7,231.0	2.0	12,162.0	—1,200.0—		4,700.0	5,900.0	1,600.0	7,500.0	—	—	4,662.0

Year beginning Sept. 1	Area				Yield per harvested acre	Average prices				Government-support program		
	National program	Set-aside and diverted	Planted	Harvested for grain		Received by farmers 3/	St. Louis No. 2 Yellow	Omaha No. 2 Yellow	Gulf Ports No. 2 Yellow	National average loan rate	Target price	Total payments to participants
	Million acres				Bushels	Dollars per bushel						Mil. dol.
1981/82	80.5	—	84.1	74.5	108.9	2.50	2.60	2.50	2.90	2.40	2.40	7/ 92
1982/83	—	2.1	81.9	72.7	113.2	2.70	2.90	2.70	3.10	2.60	2.70	5/ 292
1983/84	—	32.2	60.2	51.5	81.1	3.30	3.50	3.20	3.70	2.70	2.90	6/ 904
1984/85	—	4.0	80.5	71.9	106.7	2.60	2.80	2.70	3.00	2.60	3.00	7/ 1,652
1985/86	—	5.4	83.4	75.2	118.0	2.20	2.40	2.30	2.50	2.60	3.00	7/ 2,484
1986/87	—	13.6	76.7	69.2	119.3	1.50	4/ 1.68	4/ 1.54	4/ 1.84	1.90	3.00	8/ 6,355
1987/88 2/	—	21.1	66.0	59.6	121.4	1.60-2.00	—	—	—	1.80	3.00	8/ 7,685

1/Includes quantity under loan and farmer-owned reserve. 2/Projected. 3/Excludes support payments. 4/September 1986 - July 1987 average. 5/Deficiency and disaster payments. 6/Diversion payments. 7/Deficiency payments. 8/Deficiency and diversion payments. Source: Feed Outlook and Situation Report (9/87).



CORN: U.S. Exports, Ranked By Imported Country For Marketing Years 1982/83-1986/87
(1,000 Metric Tons)

Country	1986/87		1985/86		1984/85		1983/84		1982/83	
	Exports	Rank	Exports	Rank	Exports	Rank	Exports	Rank	Exports	Rank
Japan	12,458.7	1	9,313.0	1	11,165.5	2	13,775.1	1	13,178.8	1
South Korea	4,079.6	2	1,330.5	7	1,453.4	6	2,971.2	3	3,904.4	3
USSR	3,907.2	3	6,685.3	2	15,058.4	1	6,499.8	2	3,159.2	4
Mexico	3,255.7	4	1,639.8	5	1,400.6	7	2,805.7	4	3,987.3	2
China (Taiwan)	3,183.9	5	2,583.7	3	3,079.5	3	2,694.4	5	3,000.4	5
Egypt	2,055.3	6	1,517.6	6	1,398.8	8	1,357.7	10	1,637.6	9
Brazil	1,162.4	7	1,061.5	8	208.6	20	129.1	27	—	—
Algeria	973.6	8	336.6	11	566.0	13	356.3	16	—	—
Portugal	547.7	9	882.5	9	1,654.0	5	2,083.9	8	2,208.0	8
Iraq	473.7	10	220.0	17	385.0	17	251.3	19	—	—
Belgium-Luxembourg	473.3	11	195.2	18	994.2	9	2,041.0	9	2,301.9	7
Spain, incl. Canary Islands	468.1	12	1,697.8	4	2,432.5	4	2,166.2	7	2,996.6	6
German Democratic Rep.	451.7	13	408.8	10	468.3	14	508.2	14	881.6	11
Netherlands	445.4	14	173.5	21	754.1	11	673.5	13	428.5	14
Peru	442.9	15	246.0	15	70.0	33	228.3	22	—	—
Canada	428.2	16	299.5	14	460.1	15	297.7	18	384.5	15
Israel	400.6	17	300.5	13	251.8	19	323.3	17	—	—
Dominican Republic	340.9	18	181.3	20	132.5	24	248.3	20	—	—
Saudi Arabia	301.3	19	223.7	16	307.7	18	86.7	32	—	—
Bulgaria	264.1	20	334.5	12	69.1	34	43.7	34	102.4	18
Jordan	198.4	21	100.2	23	87.3	31	86.8	31	—	—
Morocco	187.3	22	91.1	25	96.3	30	81.0	33	99.9	19
Jamaica	152.1	23	112.3	22	139.8	23	189.8	24	—	—
Syria	151.9	24	43.5	29	128.8	25	191.0	23	—	—
Lebanon	110.0	25	15.7	31	44.8	35	29.0	36	—	—
Trinidad-Tobago	100.6	26	99.6	24	105.8	28	116.7	29	—	—
United Kingdom	85.8	27	90.0	26	453.5	16	719.8	12	753.6	12
Italy	72.4	28	21.1	30	177.1	21	369.6	15	84.4	20
Tunisia	68.7	29	184.9	19	151.7	22	232.2	21	179.1	17
Germany, Fed. Rep. of	56.3	30	48.9	28	110.4	26	106.5	30	329.2	16
Turkey	45.9	31	.1	33*	106.1	27	128.2	28	—	—
Mozambique	38.0	32	68.6	27	73.1	32	41.5	35	—	—
Poland	10.6	33	—	—	100.1	29	151.5	25	512.3	13
Venezuela	—	—	1.0	32	653.9	12	1,139.6	11	892.3	10
South Africa, Rep. of	—	—	—	—	810.9	10	2,690.9	6	—	—
Philippines	—	—	.1	33*	25.0	36	150.5	26	—	—
All others	1,905.2		570.9		820.3		1,019.2		6,083.5	
Grand total	39,297.5		31,079.3		46,395.0		46,985.2		47,105.5	

*Tied. Source: Foreign Agricultural Trade of the United States—USDA/ERS.

WORLD CORN EXPORTS

Fiscal year beginning July 1	United States	Argentina	South Africa	Western Europe	Other	World
	1,000 metric tons					
1955/56	3,042	428	916	157	1,843	6,386
1956/57	3,554	1,092	1,131	85	1,219	7,081
1957/58	4,625	1,022	1,280	44	2,004	8,975
1958/59	5,169	2,108	870	86	1,682	9,915
1959/60	5,502	3,170	912	230	1,904	11,718
1960/61	6,326	1,897	1,041	773	2,607	12,644
1961/62	9,922	2,253	1,820	477	3,788	18,260
1962/63	10,195	2,723	2,694	606	3,573	19,791
1963/64	11,558	2,452	2,580	1,330	4,424	22,344
1964/65	13,080	3,442	892	1,493	4,398	23,305
1965/66	16,988	2,923	426	1,926	5,068	27,331
1966/67	12,548	5,082	824	2,236	5,299	25,989
1967/68	14,516	3,186	3,107	1,731	6,012	28,552
1968/69	12,979	3,968	2,168	2,998	6,006	28,119
1969/70	15,873	4,346	1,096	3,135	4,741	29,191
1970/71	13,078	5,333	915	4,637	6,141	30,104
1971/72	16,719	4,801	2,829	4,789	5,343	34,481
1972/73	28,892	2,832	3,181	4,212	3,907	43,024
1973/74	34,853	5,105	371	6,401	5,145	51,875
1974/75	28,384	5,831	3,324	5,115	6,480	49,134
1975/76	39,590	2,595	1,366	5,729	7,915	57,195
1976/77	42,774	5,385	1,366	4,741	5,466	59,732
1977/78	49,479	6,377	2,757	4,371	4,956	67,940
1978/79	54,180	6,200	2,424	4,700	4,249	71,753
1979/80	61,801	3,460	3,219	5,031	4,621	78,132
1980/81	59,820	9,016	4,127	4,652	5,157	82,772
1981/82	49,965	4,922	4,761	4,968	7,542	72,158
1982/83	47,500	6,483	2,376	6,987	6,747	70,093
1983/84	47,335	5,885	192	6,823	7,320	67,555
1984/85	46,690	7,072	150	6,465	11,942	72,319
1985/86	31,500	7,430	1,470	7,548	13,428	61,376
1986/87 1/	39,350	3,965	2,560	7,819	9,360	63,054

1/Preliminary. Source: Production, Supply and Demand Estimates, Foreign Agricultural Service.

OFFICIAL U.S. GRADING STANDARDS FOR CORN GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

Grade	Minimum test weight per bushel	Maximum limits of		
		Broken corn and foreign material	Damaged kernels	
			Total	Heat-damaged kernels
	Pound	Percent		
U.S. No. 1	56.0	2.0	3.0	.1
U.S. No. 2	54.0	3.0	5.0	.2
U.S. No. 3	52.0	4.0	7.0	.5
U.S. No. 4	49.0	5.0	10.0	1.0
U.S. No. 5	46.0	7.0	15.0	3.0
U.S. sample grade	U.S. sample grade corn does not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 5, inclusive; or contains stones, foreign substances; is musty, sour, heating; has any commercially objectionable foreign odor; or is otherwise of distinctly low quality.			

CORN FOR GRAIN: Usual Planting and Harvesting Dates, By States

State	Usual planting dates	Usual Harvesting Dates		
		Begin	Most active	End
Alabama	March 5 - May 15	August 5	August 20 - August 30	October 20
Arizona	April 1 - June 1	September 13	October 1 - November 1	December 1
Arkansas	April 5 - June 15	August 20	September 1 - September 30	October 30
California	April 1 - July 1	September 1	October 1 - November 15	December 1
Colorado	April 15 - June 1	October 1	October 10 - November 20	December 1
Delaware	April 20 - June 1	September 5	September 15 - October 15	November 1
Florida	Feb. 15 - April 25	July 15	September 1 - October 1	November 15
Georgia	March 1 - May 15	July 20	August 5 - September 20	October 20
Idaho	May 1 - May 25	October 10	October 25 - November 15	December 10
Illinois	April 25 - June 5	September 20	October 1 - November 10	November 20
Indiana	May 1 - June 10	September 20	October 10 - November 20	December 10
Iowa	April 25 - June 5	September 25	October 10 - November 5	November 15
Kansas	April 10 - June 10	September 1	October 5 - November 1	November 20
Kentucky	April 10 - June 10	September 10	October 5 - November 5	November 25
Louisiana	March 10 - May 15	July 20	August 10 - September 20	October 10
Maryland	April 10 - June 15	September 10	September 20 - November 1	November 15
Michigan	May 1 - June 10	October 1	October 15 - November 15	December 1
Minnesota	April 30 - June 10	October 1	October 15 - November 15	December 1
Mississippi	March 20 - June 10	August 20	September 10 - November 10	November 30
Missouri	April 10 - June 10	September 5	September 25 - October 25	December 20
Montana	May 1 - June 10	September 15	September 20 - October 5	October 15
Nebraska	April 20 - June 1	September 25	October 15 - November 5	November 30
New Jersey	May 10 - June 20	October 5	October 20 - November 10	November 25
New Mexico	April 15 - May 20	September 25	October 5 - October 30	November 20
New York	May 5 - June 15	October 10	October 15 - November 15	December 1
North Carolina	April 1 - June 5	August 25	September 15 - November 1	December 20
North Dakota	May 5 - June 15	September 25	October 10 - November 10	November 20
Ohio	April 25 - May 25	September 25	October 10 - November 10	November 30
Oklahoma	April 5 - June 1	August 20	September 15 - October 5	October 25
Oregon	April 5 - June 1	October 10	November 1 - November 20	December 15
Pennsylvania	April 30 - June 15	October 5	October 10 - November 15	November 25
South Carolina	March 10 - May 1	August 1	August 20 - September 25	November 1
South Dakota	May 5 - June 10	September 25	October 10 - November 25	December 1
Tennessee	April 10 - June 15	September 5	October 5 - November 5	December 5
Texas	March 1 - May 20	July 25	September 10 - October 10	October 25
Utah	April 25 - June 5	September 10	September 25 - October 20	December 10
Virginia	April 10 - June 10	August 25	September 10 - September 25	November 30
Washington	April 5 - May 20	October 15	October 25 - November 20	December 15
West Virginia	May 1 - June 5	September 10	September 15 - October 15	November 1
Wisconsin	May 5 - June 10	October 5	October 20 - November 5	November 30
Wyoming	April 20 - June 5	September 15	October 1 - October 20	December 1

Source: Agricultural Handbook No. 628, April 1984.

WISCONSIN CROPS: Usual Planting and Harvesting Dates

Crops	Usual Planting Dates		Usual Harvesting Dates			Principal Producing Areas	
	Begins	Ends	Begins	Most Active	Ends	Districts	Counties
FIELD CROPS							
Corn for Grain	May 5	June 10	Oct. 5	Oct. 20 -Nov. 5	Nov. 30	SC, SW, WC	Dane, Grant, Rock
Corn for Silage	May 10	June 20	Sept. 10	Sept. 15 -Sept. 30	Oct. 20	SW, WC EC, SC	Marathon, Outagamie, Dodge
Oats	April 10	May 25	July 30	Aug. 10 -Aug. 20	Sept. 5	EC, WC SW, SC	Marathon, Grant, Manitowoc
Barley	April 15	May 15	July 25	July 30 -Aug. 10	Aug. 15	EC, NC, WC NW	Marathon, Manitowoc, Clark
Rye	Sept. 5	Oct. 15	July 10	July 15 -July 25	Aug. 5	C, WC, NC	Portage, Oneida, Pepin
Winter Wheat	Sept. 10	Sept. 30	July 15	July 20 -July 31	Aug. 5	SC, C, SE	Dodge, Dane, Jefferson
Spring Wheat	April 10	May 20	July 25	Aug. 5 -Aug. 15	Aug. 25	SC, SE	Sheboygan, Columbia, Dane
Soybeans	May 15	June 20	Oct. 5	Oct. 20 -Nov. 1	Nov. 20	SC, SE, WC	Rock, Racine, Walworth
Tobacco	June 1	July 5	Aug. 15	Aug. 25 -Sept. 10	Sept. 25	SW, SC, SE	Dane, Vernon, Rock
Potatoes	April 20	June 10	July 20	Aug. 15 -Oct. 15	Oct. 30	NC, NE, C	Portage, Langlade, Waushara
Alfalfa Hay			June 5		Oct. 5	SW, WC, SC	Grant, Dane, Iowa
All Other Hay			June 10		Sept. 30	NC, NW, WC	Clark, Marathon, Taylor
Mint	April 20	June 1	July 10	July 25 -Aug. 25	Sept. 15	C, SC, SE	Marquette, Walworth, Dane
VEGETABLES							
Onions, Storage (Fr)	April 15	May 20	Sept. 1	Sept. 10 -Oct. 1	Oct. 20	C, EC, SC, SE	Marquette, Columbia, Jefferson
Lettuce (Fr)	April 10	July 10	June 25	July 1 -Sept. 15	Oct. 1	C, SC, EC	Marquette, Fond du Lac, Adams
Carrots (Fr, Pr)	May 15	June 30	Aug. 15	Aug. 25 -Oct. 25	Nov. 15	C, NE, SC, SE	Marquette, Columbia, Jefferson, Oconto
Snap Beans (Pr)	May 10	July 10	July 10	Aug. 1 -Sept. 15	Oct. 5	C, EC, NW, NE	Portage, Waushara, Manitowoc, Adams
Sweet Corn (Pr)	May 5	June 30	Aug. 5	Aug. 15 -Sept. 25	Oct. 5	EC, SC, C	Fond du Lac, Dodge, Dane, Green Lake
Green Peas (Pr)	April 15	May 10	June 15	July 1 -July 20	Aug. 10	EC, SC, C	Fond du Lac, Dodge, Sheboygan, Dane
Cucumbers for Pickles (Pr)	May 15	June 15	July 25	Aug. 10 -Sept. 15	Oct. 1	NE, C, EC	Portage, Outagamie, Waushara, Marinette

(Fr) - Fresh Market, (Pr) - Processing

UNITED STATES DEPARTMENT OF AGRICULTURE
WISCONSIN AGRICULTURAL STATISTICS SERVICE
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